

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | |
|--|--------------------------------------|---|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU02270A |
| 1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name |
| 2. Name of Operator EOG RESOURCES INC Contact: MARY A. MAESTAS E-Mail: mary_maestas@eogresources.com | | 7. If Unit or CA Agreement, Name and No. NATURAL BUTTES UN |
| 3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078 | | 8. Lease Name and Well No. NATURAL BUTTES UNIT 486-07E |
| 3b. Phone No. (include area code) Ph: 303-824-5526 | | 9. API Well No. 43-047-39897 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NESW 1895FSL 1834FWL 39.96047 N Lat, 109.59790 W Lon At proposed prod. zone NESW 1895FSL 1834FWL 39.96047 N Lat, 109.59790 W Lon | | 10. Field and Pool, or Exploratory NATURAL BUTTES/WASATCH |
| 14. Distance in miles and direction from nearest town or post office* 43.8 MILES SOUTH OF VERNAL, UTAH | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec 7 T10S R21E Mer SLB |
| 15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1098' | 16. No. of Acres in Lease 2167.00 | 12. County or Parish UINTAH |
| 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1400' | 19. Proposed Depth 6312 MD | 13. State UT |
| 21. Elevations (Show whether DF, KB, RT, GL, etc.) 5085 GL | 22. Approximate date work will start | 17. Spacing Unit dedicated to this well |
| | | 20. BLM/BIA Bond No. on file NM2308 |
| | | 23. Estimated duration 45 DAYS |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

| | | |
|---|--|--------------------|
| 25. Signature (Electronic Submission) | Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526 | Date 12/19/2007 |
| Title REGULATORY ASSISTANT | | |
| Approved by (Signature) | Name (Printed/Typed) BRADLEY G. HILL | Date 01-03-08 |
| Title ENVIRONMENTAL MANAGER | | |

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #57650 verified by the BLM Well Information System
For EOG RESOURCES INC, sent to the Vernal

RECEIVED

DEC 24 2007

DIV. OF OIL, GAS & MINING

Federal Approval of this
Action is Necessary

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

619814X
44241044
39.960487
-109.597238

R 20 E
R 21 E

S 89°29'41"E - 2645.23' (Meas.)

S 89°28'03"E - 2653.21' (Meas.)

1977 Brass Cap, Pile of Stones

Brass Cap

1977 Brass Cap, Pile of Stones

LOT 1

LOT 2

Brass Cap

7

LOT 3

1834'

NBU #486-7E
Elev. Ungraded Ground = 5085'

1895'

LOT 4

Set Marked Stone

Brass Cap

1977 Brass Cap, Pile of Stones

N 88°23'41"W - 2675.01' (Meas.)

N 88°21'53"W - 2657.78' (Meas.)

N 00°22'57"W - 2664.94' (Meas.)

N 00°12'36"E - 2550.18' (Meas.)

500°26'26"E - 5318.00' (Meas.)

L = 90° SYMBOL
 ● = PROPOSED WELL HEAD.
 ▲ = SECTION CORNERS LOCATED.

EOG RESOURCES, INC.

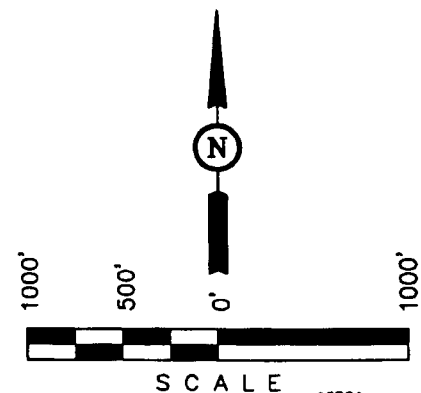
Well location, NBU #486-7E, located as shown in the NE 1/4 SW 1/4 of Section 7, T10S, R21E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFI

THIS IS TO CERTIFY THAT THE [redacted] THAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEY MADE BY [redacted] IN 1919
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF. ROBERT [redacted]

REGISTERED LAND SURVEYOR
REGISTRATION NO. 1047
STATE OF TEXAS

UTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

| | | |
|-------------------------|-----------------------------|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 09-14-07 | DATE DRAWN: 09-20-07 |
| PARTY C.R. M.R. C.H. | REFERENCES G.L.O. PLAT | |
| WEATHER WARM | FILE EOG RESOURCES, INC. | |

EIGHT POINT PLAN

NATURAL BUTTES UNIT 486-07E **NE/SW, SEC. 7, T10S, R21E, S.L.B.&M..** **UINTAH COUNTY, UTAH**

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

| FORMATION | TVD-RKB (ft) | Objective | Lithology | |
|------------------|---------------------|------------------|------------------|-----|
| Green River | 1,360 | | Shale | |
| Wasatch | 4,657 | Primary | Sandstone | Gas |
| Chapita Wells | 5,335 | Primary | Sandstone | Gas |
| Buck Canyon | 6,010 | Primary | Sandstone | Gas |
| North Horn | 6,634 | | Sandstone | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TD | 6,344 | | | |

Estimated TD: 6,344' or 200'± below Price River top **Anticipated BHP: 3,464 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig
BOP schematic diagrams attached.

4. CASING PROGRAM:

| CASING | Hole Size | Length | Size | WEIGHT | Grade | Thread | Rating Collapse | Factor Burst | Tensile |
|---------------|------------------|--------------------|-------------|---------------|--------------|---------------|------------------------|---------------------|----------------|
| Conductor | 17 1/2" | 0 – 45' | 13 3/8" | 48.0# | H-40 | STC | 770 PSI | 1730 PSI | 322,000# |
| Surface | 12 1/4" | 0' – 2,300' KB± | 9-5/8" | 36.0# | J-55 | STC | 2020 PSI | 3520 Psi | 394,000# |
| Production | 7-7/8" | Surface – TD | 4-1/2" | 11.6# | N-80 | LTC | 6350 PSI | 7780 Psi | 233,000# |
| | | | | | | | | | |

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 486-07E **NE/SW, SEC. 7, T10S, R21E, S.L.B.&M..** **UINTAH COUNTY, UTAH**

5. Float Equipment:

Surface Hole Procedure (0' - 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD): Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Defloculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

EIGHT POINT PLAN

NATURAL BUTTES UNIT 486-07E **NE/SW, SEC. 7, T10S, R21E, S.L.B.&M..** **UINTAH COUNTY, UTAH**

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.
Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:
Cement Bond / Casing Collar Locator and Pulsed Neutron

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 135 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 378 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 486-07E
NE/SW, SEC. 7, T10S, R21E, S.L.B.&M..
UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

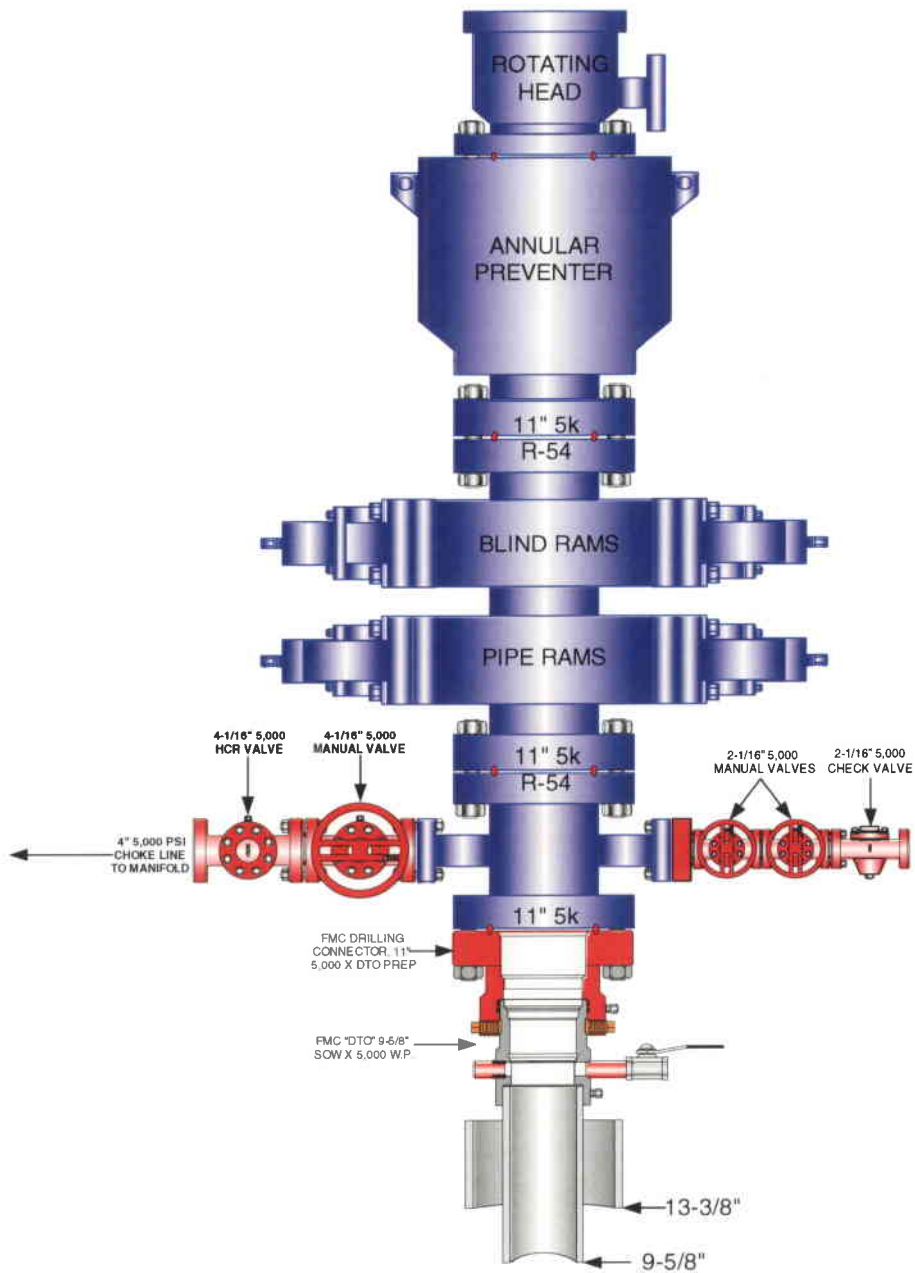
12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

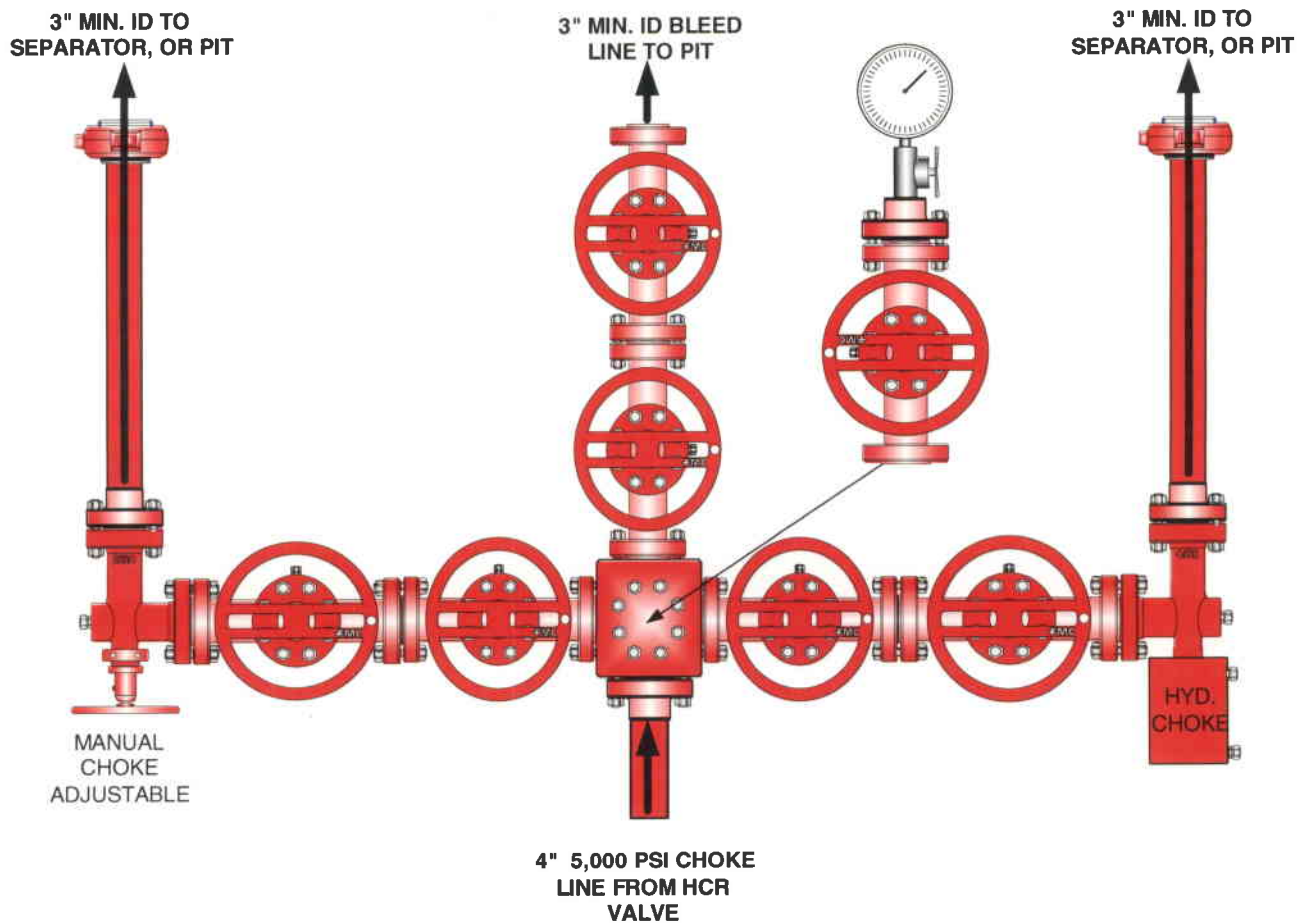
**EOG RESOURCES 11" 5,000 PSI W.P. BOP
CONFIGURATION**

PAGE 1 OF 2



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 OF 2



Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.
Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, **whichever is greater.**
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



***Natural Buttes Unit 486-07E
NESW, Section 7, T10S, R21E
Uintah County, Utah***

SURFACE USE PLAN

The well pad is approximately 325 feet long with a 261-foot width, containing 1.95 acres more or less. The well access road is approximately 528 feet long with a 40-foot right-of-way, disturbing approximately .48 acre. New surface disturbance associated with the well pad and access road is estimated to be 2.43 acres. The pipeline is approximately 4768 feet long with a 40-foot right-of-way disturbing approximately 4.38 acres.

1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 43.8 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 528' in length. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will be used.

- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

An off-lease right-of-way is not required. The entire length of the proposed access road is located within Federal Lease #U-02270-A.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

1. Proposed pipeline will transport natural gas.
2. The pipeline will be a permanent feeder line.
3. The length of the proposed pipeline is 4768' x 40'. The proposed pipeline leaves the northeastern edge of the well pad (Lease U-02270-A) proceeding in a southwesterly, then northerly direction for an approximate distance of 4768' tying into an existing pipeline in the SENW of Section 7, T10S, R21E (Lease U-02270-A). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
5. Proposed pipeline will be laid on surface.
6. An off-lease right-of-way is not required. The entire length of the proposed pipeline is located within Federal Lease # U-02270-A.
7. The proposed pipeline route begins in the NESW of Section 7, T10S, R21E, proceeding southwesterly, then northerly for an approximate distance of 4768' to the SENW of Section 7, T10S, R21E.
8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon or Covert Green.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT

(State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.

- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIALS:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
 - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
 - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
 - 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation ponds 1, 2, 3 or 4 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
 - 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt, and a 16-millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any

rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the west corner of the location. The flare pit will be located downwind of the prevailing wind direction on the west side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil north of pit corner B. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the southwest.

A diversion ditch shall be constructed on the northeast side of the location between Corners #6 and #8.

The corners of the well pad will be rounded off as needed to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours—see attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

| Seed Mixture | Drilled Rate (lbs./acre PLS*) |
|------------------------|--|
| HyCrest Wheatgrass | 6.0 |
| Needle and Threadgrass | 6.0 |

*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

| Seed Mixture | Drilled Rate (lbs./acre PLS*) |
|------------------------|--|
| Fourwing Saltbush | 2.0 |
| Indian Ricegrass | 2.0 |
| Needle and Threadgrass | 2.0 |
| HyCrest Wheatgrass | 1.0 |
| Scarlet Globe Mallow | 1.0 |

*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted in 1997 by an independent archaeologist (U-97-AY-0751), which resulted in no cultural resources. A paleontology survey was conducted and submitted by Intermountain Paleo on 10/13/2007.

Additional Surface Stipulations:

None.

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Mary A. Maestas
EOG Resources, Inc.
1060 East Highway 40
Vernal, UT 84078
(435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

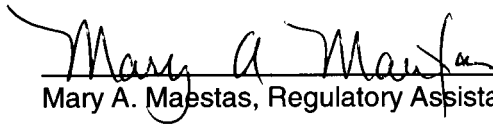
CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Natural Buttes Unit 486-07E Well, located in the NESW, of Section 7, T10S, R21E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

December 18, 2007

Date



Mary A. Maestas, Regulatory Assistant

Date of onsite: October 4, 2007

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

NBU #486-7E

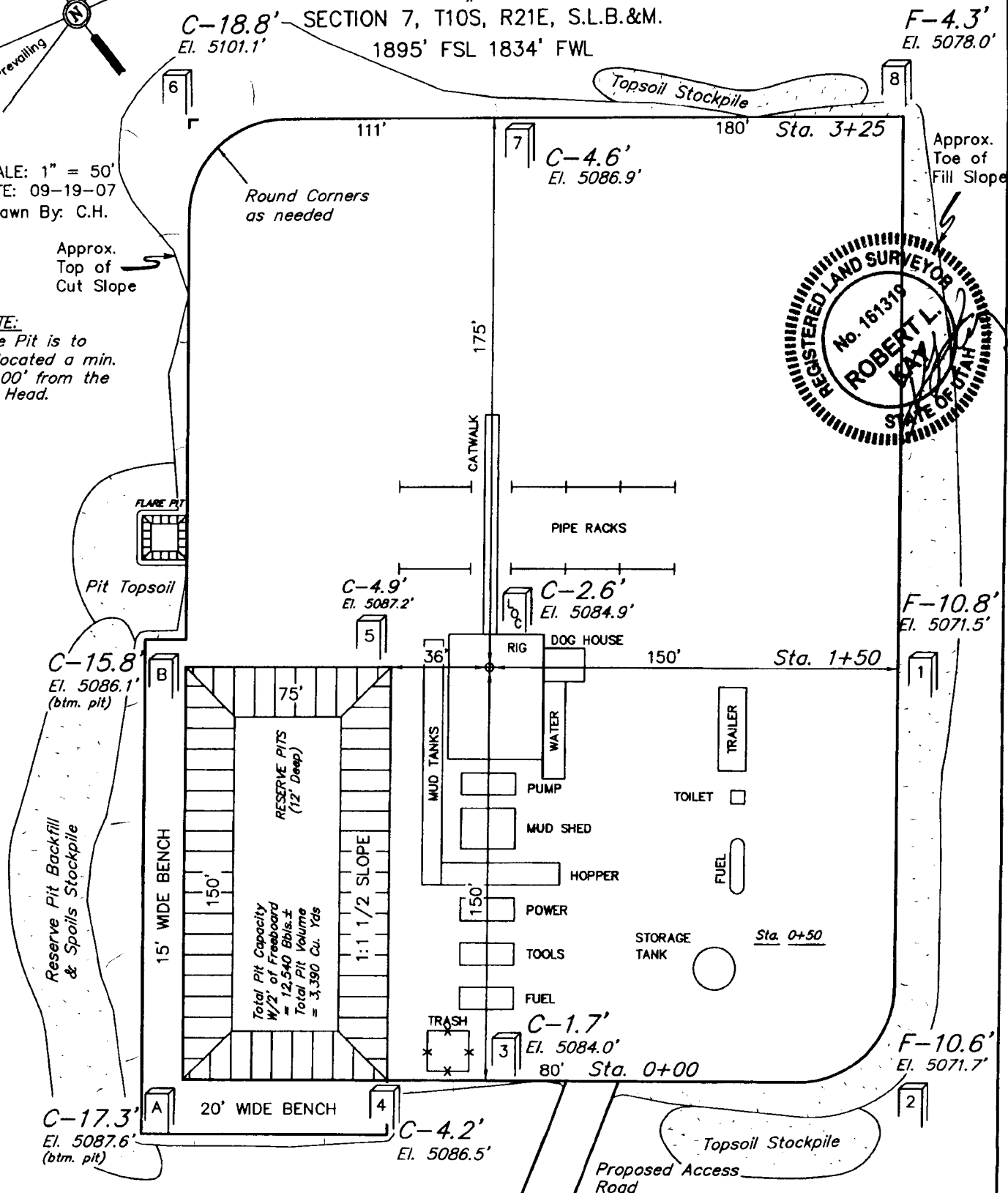
SECTION 7, T10S, R21E, S.L.B.&M.
1895' FSL 1834' FWL

FIGURE #1

SCALE: 1" = 50'
DATE: 09-19-07
Drawn By: C.H.

Approx.
Top of
Cut Slope

NOTE:
Flare Pit is to
be located a min.
of 100' from the
Well Head.



Elev. Ungraded Ground at Location Stake = 5084.9'
Elev. Graded Ground at Location Stake = 5082.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

DATE: 09-19-07
Drawn By: C.H.

EOG RESOURCES, INC.

FIGURE #2

X-Section
Scale

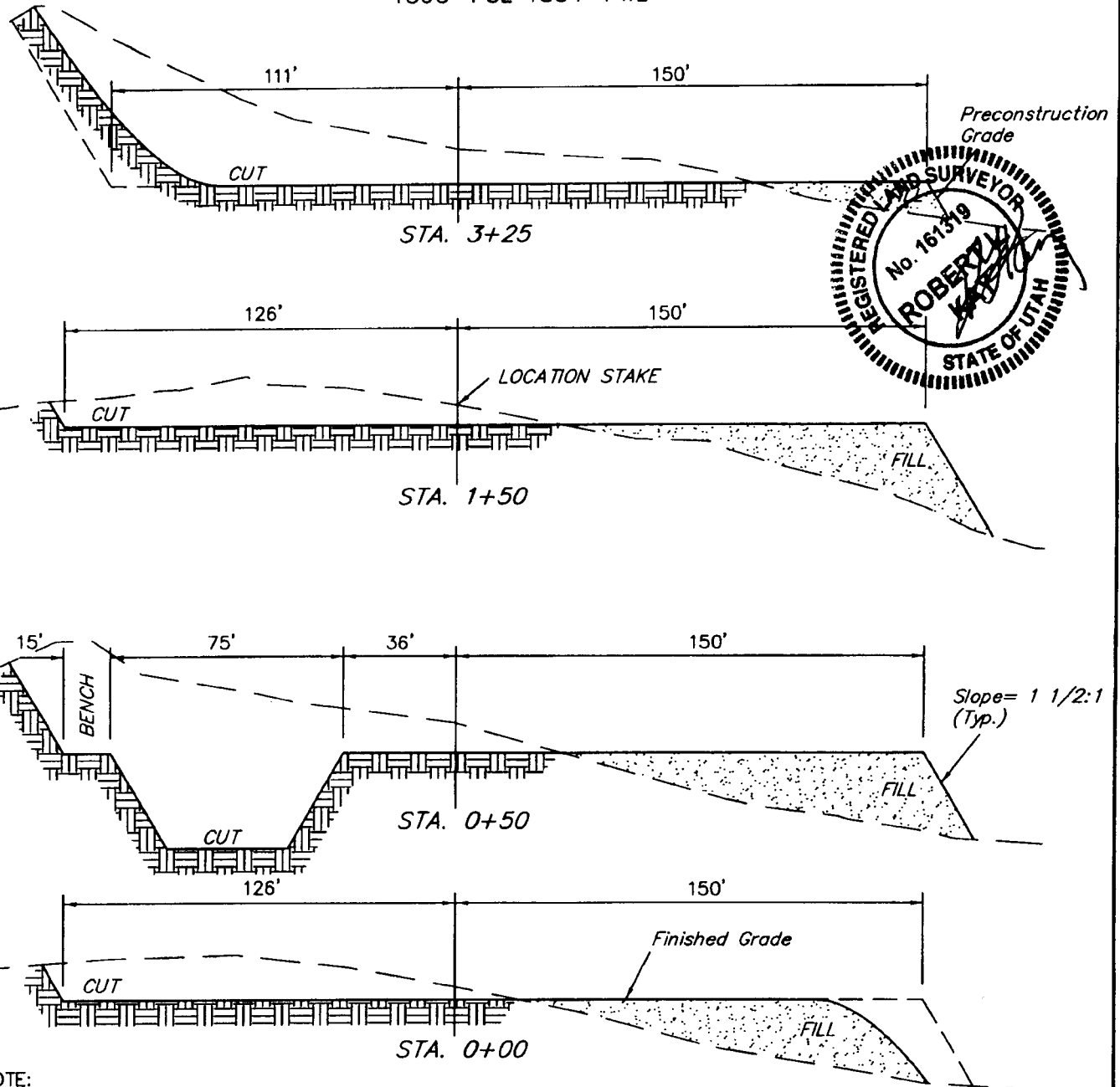
TYPICAL CROSS SECTIONS FOR

NBU #486-7E

SECTION 7, T10S, R21E, S.L.B.&M.

1895' FSL 1834' FWL

1" = 20'
1" = 50'



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,130 Cu. Yds.
Remaining Location = 11,380 Cu. Yds.

TOTAL CUT = 13,510 CU.YDS.
FILL = 9,680 CU.YDS.

EXCESS MATERIAL = 3,830 Cu. Yds.
Topsoil & Pit Backfill = 3,830 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

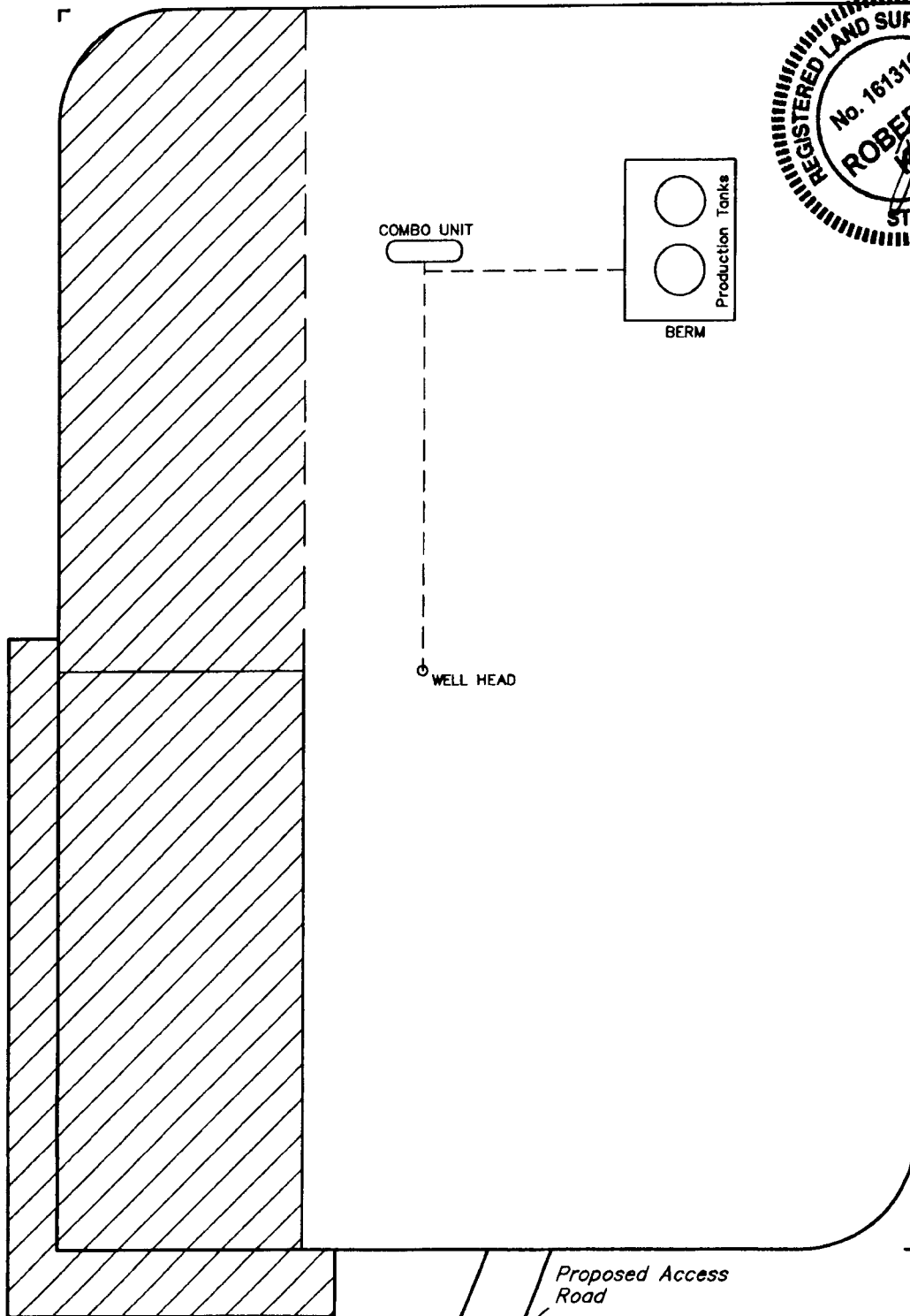
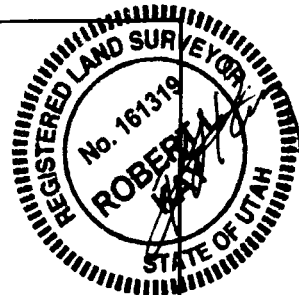
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

EOG RESOURCES, INC.
PRODUCTION FACILITY LAYOUT FOR
NBU #486-7E
SECTION 7, T10S, R21E, S.L.B.&M.
1895' FSL 1834' FWL

FIGURE #3



SCALE: 1" = 50'
DATE: 09-19-07
Drawn By: C.H.



RE-HABED AREA

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

EOG RESOURCES, INC.

NBU #486-7E

LOCATED IN UINTAH COUNTY, UTAH
SECTION 7, T10S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

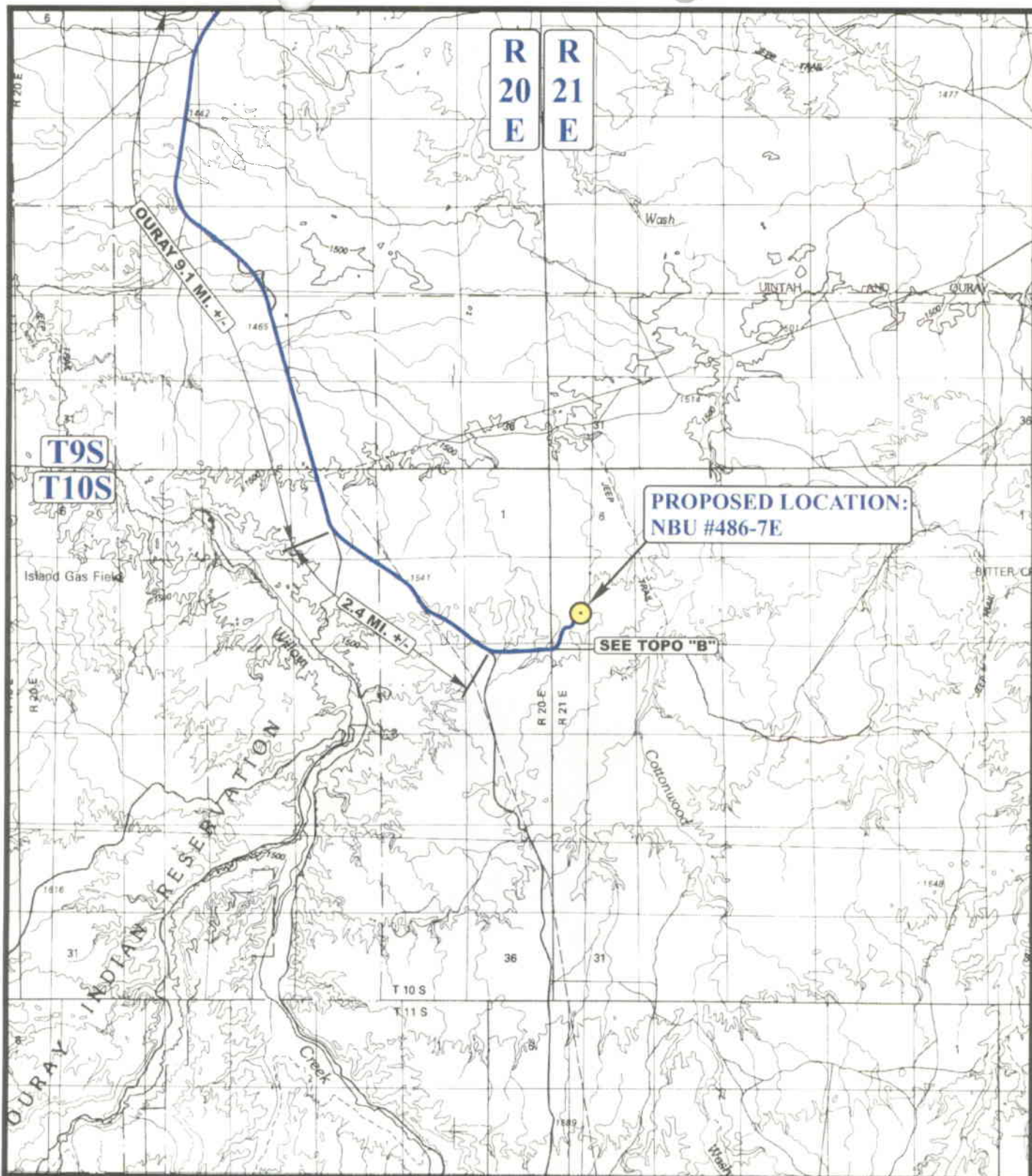
11 1997
MONTH DAY YEAR

PHOTO

TAKEN BY: C.R.

DRAWN BY: C.G.

REVISED: 09-07-07C.P.



LEGEND:

PROPOSED LOCATION

EOG RESOURCES, INC.

NBU #486-7E

SECTION 7, T10S, R21E, S.L.B.&M.

1895' FSL 1834' FWL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



**TOPOGRAPHIC
MAP**

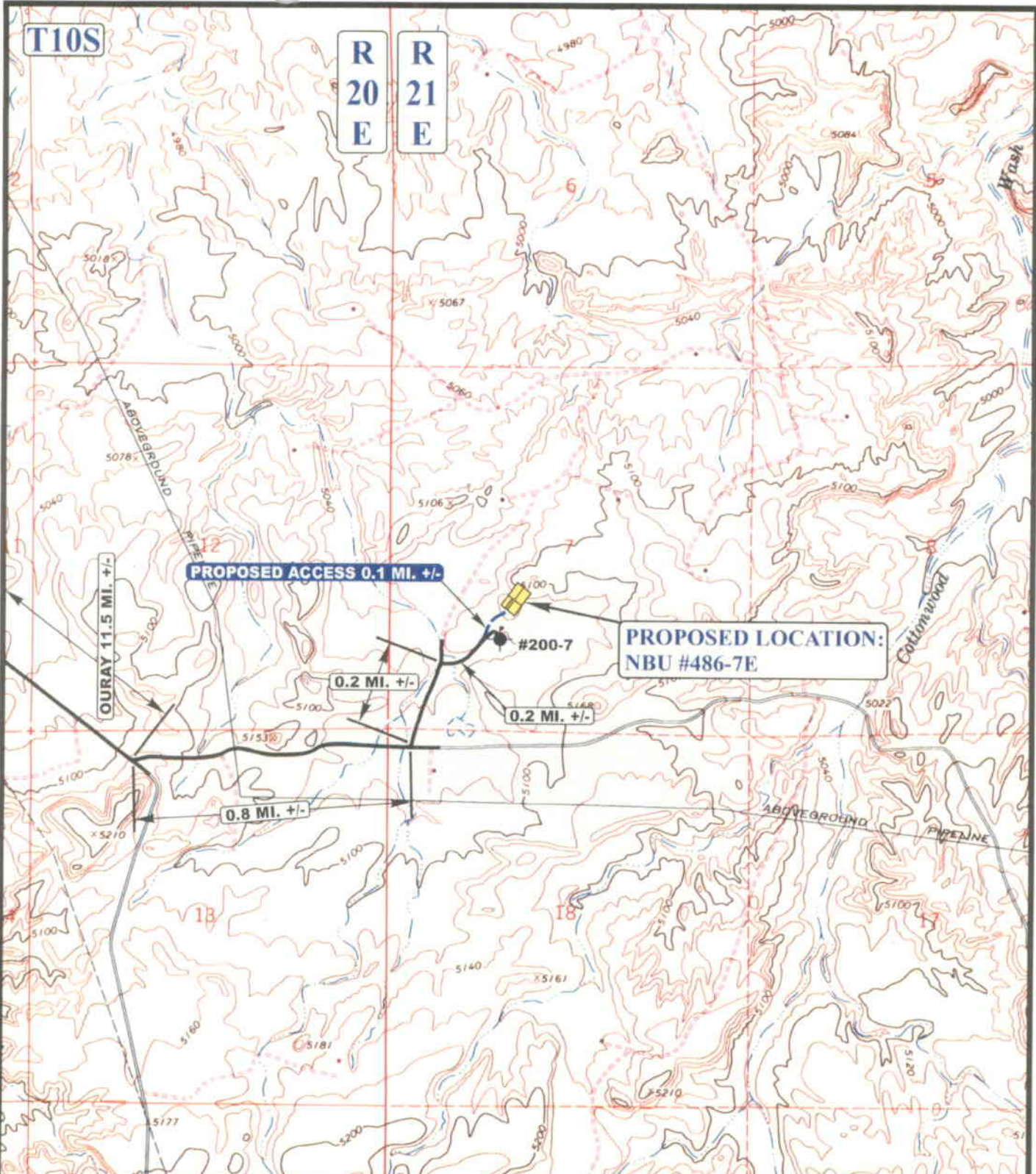
11 19 97
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: C.G

REVISED: 09-07-07C.P.





LEGEND:

————— EXISTING ROAD

- - - - - PROPOSED ACCESS ROAD

EOG RESOURCES, INC.

NBU #486-7E

SECTION 7, T10S, R21E, S.1.B.&M.

1895' FSL 1834' FWL

UeLs Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

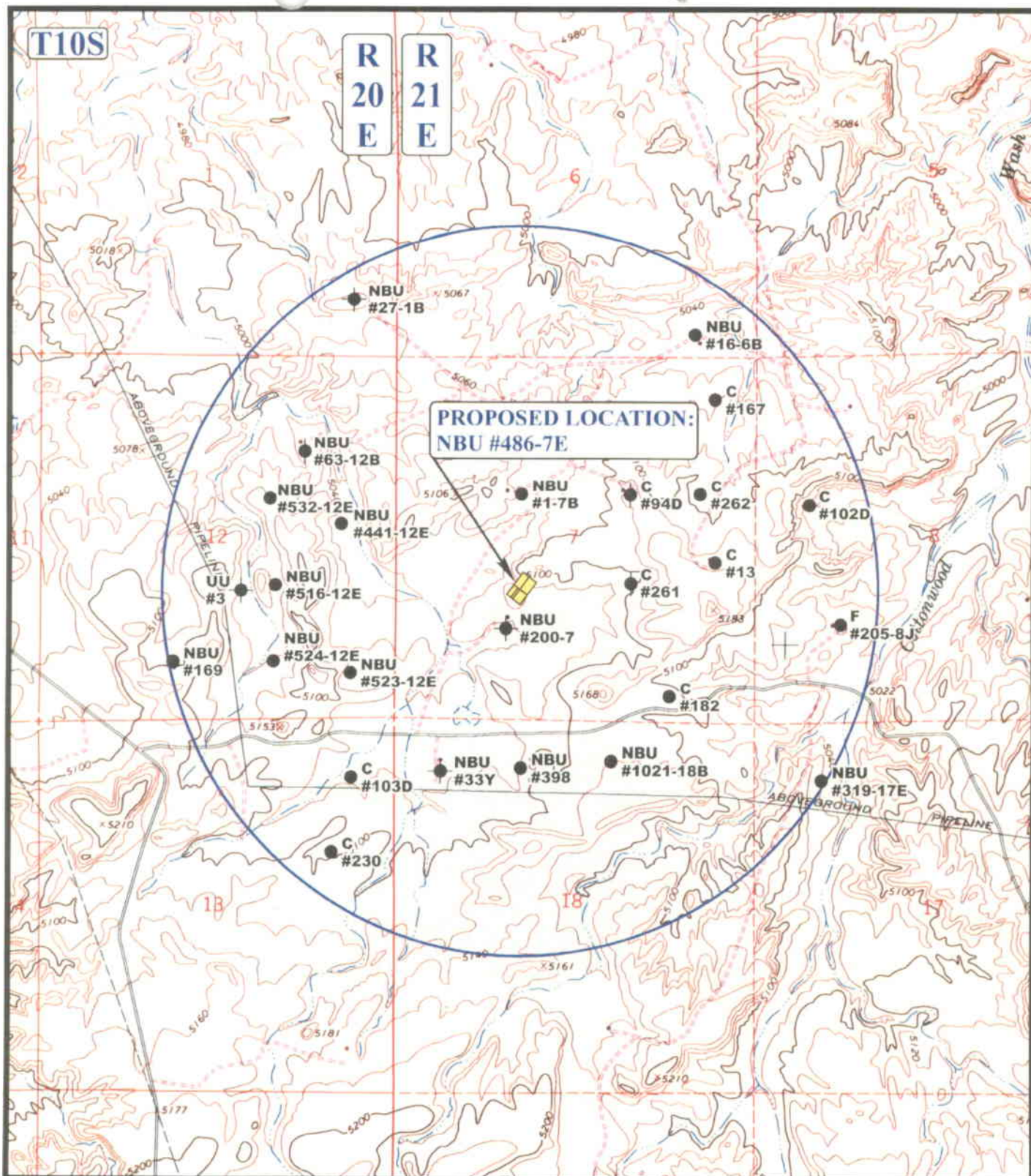
TOPOGRAPHIC MAP

| | | |
|-------|-----|------|
| 11 | 19 | 97 |
| MONTH | DAY | YEAR |

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 09-07-07C.P.

B

TOPO



LEGEND:

- | | |
|-----------------|-----------------------|
| DISPOSAL WELLS | WATER WELLS |
| PRODUCING WELLS | ABANDONED WELLS |
| SHUT IN WELLS | TEMPORARILY ABANDONED |



EOG RESOURCES, INC.

NBU #486-7E
SECTION 7, T10S, R21E, S.L.B.&M.
1895' FSL 1834' FWL



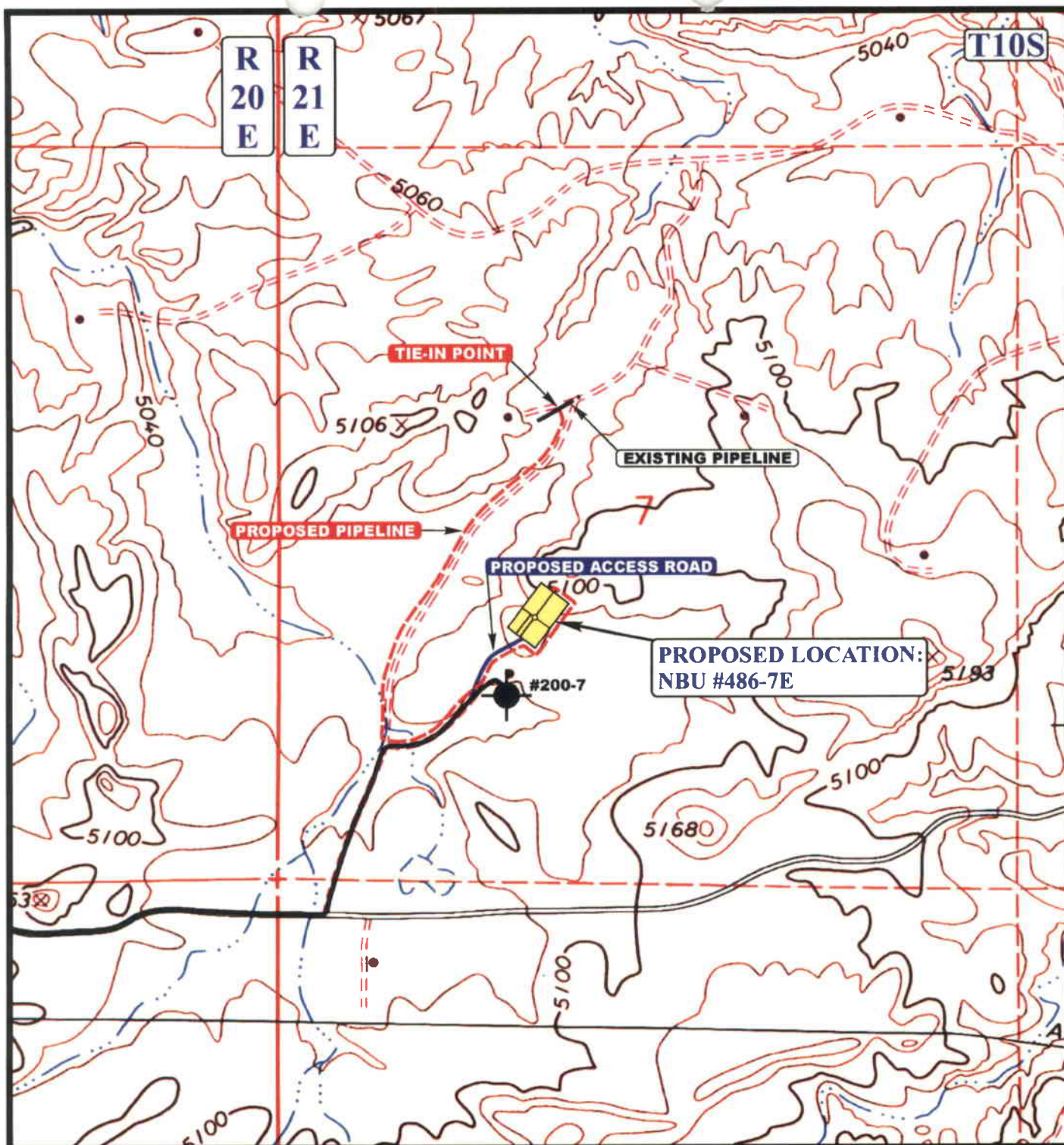
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

11 19 97
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 09-07-07C.P.





APPROXIMATE TOTAL PIPELINE DISTANCE = 4,768' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE

N

EOG RESOURCES, INC.

NBU #486-7E

SECTION 7, T10S, R21E, S.L.B.&M.
1895' FSL 1834' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

11 19 97
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.G. REV: 11-09-07 Z.L.

**D
TOPO**

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/24/2007

API NO. ASSIGNED: 43-047-39897

WELL NAME: NBU 486-07E

OPERATOR: EOG RESOURCES, INC. (N9550)

CONTACT: MARY MAESTAS

PHONE NUMBER: 303-824-5526

PROPOSED LOCATION:

NESW 07 100S 210E

SURFACE: 1895 FSL 1834 FWL

BOTTOM: 1895 FSL 1834 FWL

COUNTY: UINTAH

LATITUDE: 39.96049 LONGITUDE: -109.5972

UTM SURF EASTINGS: 619814 NORTHINGS: 4424104

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU02270A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSTC

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. NM2308)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 49-225)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.
Unit: NATURAL BUTTES *OK*
 R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting: 460' fr u b d g 9' und comm. Trac
 R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

*1- Pending Approval
2- OIL SHALE*



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

January 3, 2008

EOG Resources, Inc.
1060 East Highway 40
Vernal, UT 84078

Re: Natural Buttes Unit 486-07E Well, 1895' FSL, 1834' FWL, NE SW, Sec. 7, T. 10 South,
R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39897.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

Operator: EOG Resources, Inc.
Well Name & Number Natural Buttes Unit 486-07E
API Number: 43-047-39897
Lease: UTU02270A

Location: NE SW **Sec.** 7 **T.** 10 South **R.** 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
EOG Resources, Inc.

3. ADDRESS OF OPERATOR:
1060 East Highway 40 Vernal UT 84078

PHONE NUMBER:
(435) 781-9111

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1895' FSL & 1834' FWL 39.960467 LAT 109.597903 LON

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 7 10S 21E S.L.B. & M.

STATE:
UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-02270-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
Natural Buttes

8. WELL NAME and NUMBER:
Natural Buttes Unit 486-07E

9. API NUMBER:
43-047-39897

10. FIELD AND POOL, OR WILDCAT:
Natural Buttes

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|--|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>APD EXTENSION REQUEST</u> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 01-07-09
By: [Signature]

NAME (PLEASE PRINT) Mickenzie Thacker

TITLE Operations Clerk

SIGNATURE

Mickenzie Thacker

DATE

12/29/2008

(This space for State use only)

COPY SENT TO OPERATOR

Date: 1.8.2009

Initials: KS

(See Instructions on Reverse Side)

RECEIVED

JAN 05 2009

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-39897
Well Name: Natural Buttes Unit 486-07E
Location: 1895 FSL & 1834 FWL (NESW), SECTION 7, T10S, R21E S.L.B.&M
Company Permit Issued to: EOG Resources, Inc.
Date Original Permit Issued: 1/3/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Mickenna Thacker
Signature

12/29/2008

Date

Title: Operations Clerk

Representing: EOG Resources, Inc.

RECEIVED

JAN 05 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 19 2007

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

| | | |
|---|---------------------------------------|---|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU02270A |
| 1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name |
| 2. Name of Operator EOG RESOURCES INC Contact: MARY A. MAESTAS E-Mail: mary_maestas@eogresources.com | | 7. If Unit or CA Agreement, Name and No. UTU63047A |
| 3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078 | | 8. Lease Name and Well No. NBU 486-07E |
| 3b. Phone No. (include area code) Ph: 303-824-5526 | | 9. API Well No. 43-047-39897 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NESW 1895FSL 1834FWL 39.96047 N Lat, 109.59790 W Lon At proposed prod. zone NESW 1895FSL 1834FWL 39.96047 N Lat, 109.59790 W Lon | | 10. Field and Pool, or Exploratory NATURAL BUTTES |
| 14. Distance in miles and direction from nearest town or post office* 43.8 MILES SOUTH OF VERNAL, UTAH | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec 7 T10S R21E Mer SLB SME: BLM |
| 15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1098' | 16. No. of Acres in Lease 2,167.03 | 12. County or Parish UINTAH |
| 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1400' | 19. Proposed Depth 6312 MD | 13. State UT |
| 21. Elevations (Show whether DF, KB, RT, GL, etc.) 5085 GL | 22. Approximate date work will start | 17. Spacing Unit dedicated to this well |
| | | 20. BLM/BIA Bond No. on file NM2308 |
| | | 23. Estimated duration 45 DAYS |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

| | | |
|--|--|--------------------|
| 25. Signature (Electronic Submission) | Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526 | Date 12/19/2007 |
|--|--|--------------------|

Title
REGULATORY ASSISTANT

| | | |
|---|-------------------------------------|---------------------|
| Approved by (Signature) | Name (Printed/Typed) Jill Kencel | Date FEB 25 2009 |
| Title Assistant Field Manager Lands & Mineral Resources | Office VERNAL FIELD OFFICE | |

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #57650 verified by the BLM Well Information System
For EOG RESOURCES INC, sent to the Vernal
Committed to AFMSS for processing by GAIL JENKINS on 12/19/2007 (08GXJ1196AE)

RECEIVED

MAR 02 2009

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

076XJ5844AE

NOS 9/28/07



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: EOG Resources
Well No: NBU 486-07E
API No: 43-047-39897

Location: NESW, Sec.7,T10S,R21E
Lease No: UTU-02270A
Agreement: Natural Buttes Unit

| Title | Name | Office Phone Number | Cell Phone Number |
|-----------------------------------|--------------------|---------------------|-------------------|
| Petroleum Engineer: | Matt Baker | (435) 781-4490 | (435) 828-4470 |
| Petroleum Engineer: | Michael Lee | (435) 781-4432 | (435) 828-7875 |
| Petroleum Engineer: | Ryan Angus | (435) 781-4430 | (435) 828-7368 |
| Supervisory Petroleum Technician: | Jamie Sparger | (435) 781-4502 | (435) 828-3913 |
| Supervisory NRS: | Karl Wright | (435) 781-4484 | |
| NRS/Enviro Scientist: | Holly Villa | (435) 781-4404 | (435) 828-3544 |
| NRS/Enviro Scientist: | James Hereford | (435) 781-3412 | (435) 828-3546 |
| NRS/Enviro Scientist: | Chuck Macdonald | (435) 781-4441 | (435) 828-7481 |
| NRS/Enviro Scientist: | Dan Emmett | (435) 781-3414 | (435) 828-4029 |
| NRS/Enviro Scientist: | Paul Percival | (435) 781-4493 | (435) 828-7381 |
| NRS/Enviro Scientist: | Anna Figueroa | (435) 781-3407 | (435) 828-3548 |
| NRS/Enviro Scientist: | Verlyn Pindell | (435) 781-3402 | (435) 828-3547 |
| NRS/Enviro Scientist: | Nathan Packer | (435) 781-3405 | (435) 828-3545 |
| NRS/Enviro Scientist: | David Gordon | (435) 781-4424 | |
| NRS/Enviro Scientist: | Christine Cimiluca | (435) 781-4475 | |
| NRS/Enviro Scientist: | Lori Ford | (435) 781-4406 | |

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

| | |
|---|--|
| Location Construction (Notify Environmental Scientist) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion (Notify Environmental Scientist) | - Prior to moving on the drilling rig. |
| Spud Notice (Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify Supv. Petroleum Tech.) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice (Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

- **Time Limitations:** (Only during construction & drilling)
Lands in this lease have been identified crucial pronghorn habitat. Therefore, modifications to the Surface Use Plan of Operations will be required in order to protect pronghorn habitat from surface disturbing activities (see below).

TIME RESTRICTION

REASON

May 15 – June 20.....pronghorn habitat

There will be no construction, drilling or fracing operations during the above time periods.

- **Mitigation for Water Supply - To Protect Threatened and Endangered Fish.**
 - a) The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
 - b) If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
 - i. Do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
 - ii. Limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (see above); and
 - iii. Limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
 - c) Screen all pump intakes with ¼" mesh material.
 - d) Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:

Northeastern Region
152 East 100 North, Vernal, UT 84078
Phone: (435) 781-9453

- **Specific Conditions Pertaining to Location Construction (NBU # 486-7E)**
 - a) Round corner #6
 - b) Construct a diversion ditch from corner 6-8
- Reserve pit:
 - Use a 16 mil liner with felt.
 - Close pit within 90 days (weather permitting)

- **Surface Pipelines:** Restrictions for placement of surface pipelines:-

- a) Pipelines will be routed along the roads not cross country.
- b) Surface pipelines will be placed 5-10 feet outside of the borrow area.
- c) Surface pipelines will be placed in such a way that they would not wander into the borrow area.
- d) Pipelines will be buried at all major road and drainage crossings.

- **Interim Reclamation:**

All portions of the well pads and ROWS not utilized for the operation phase of the project will be re-seeded. Post construction seeding applications will continue until determined successful by the BLM.

- During interim reclamation of the surface, the following seed mixture will be used PLS (Pure Live Seed) formula.

| | |
|---|------------|
| Forage kochia (<i>Kochia prostrata</i>)..... | 3 lbs/acre |
| needle & thread grass (<i>Stipa comata</i>) | 2 lbs/acre |
| hycrest crested wheatgrass | |
| (<i>Agropyron cristayum/Agropyron desertorum hybrid</i>)..... | 2 lbs/acre |

Rates are set for drill seeding; double the rate if broadcasting.

- Reseeding may be required if initial seeding is not successful.

- **Final Reclamation:**

Once the location has been plugged and abandoned, final reclamation will be done.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.
COA specification is consistent with operators performance standard stated in APD.
- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.
All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E.
- Drilling Operations, Special Drilling Operations, air/gas drilling.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.
A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EOG Resources, Inc.

Well Name: NBU 486-07E

API No: 43-047-39897 Lease Type: Federal

Section 07 Township 10S Range 21E County Uintah

Drilling Contractor Craig's Roustabout Services Rig # Bucket

SPUDDED:

Date 05/06/09

Time 10:00 AM

How Dry

Drilling will Commence: _____

Reported by Kent

Telephone # 435-828-8200

Date 05/06/2009 Signed RM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: EOG Resources, Inc. Operator Account Number: N 9550
Address: 1060 East Highway 40
city Vernal
state UT zip 84078 Phone Number: (435) 781-9145

Well 1

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|---|-----------------------------|-------------------|-----------|-----|----------------------------------|-----|--------|
| 43-047-50032 | NATURAL BUTTES UNIT 359-13E | | SWSE | 13 | 10S | 20E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| <u>AB</u> | 99999 | <u>2900</u> | 5/2/2009 | | <u>5/19/09</u> | | |
| Comments: <u>WASATCH</u> <u>BUKEN = WSTC = WSMVD</u> | | | | | | | |

Well 2

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|----------------------------|----------------------------|-------------------|-----------|-----|----------------------------------|-----|--------|
| 43-047-40044 | CHAPITA WELLS UNIT 1384-34 | | SWSE | 34 | 9S | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| <u>AB</u> | 99999 | <u>13650</u> | 5/5/2009 | | <u>5/19/09</u> | | |
| Comments: <u>MESAVERDE</u> | | | | | | | |

Well 3

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|----------------------------------|-----------------------------|-------------------|-----------|-----|----------------------------------|-----|--------|
| 43-047-39897 | NATURAL BUTTES UNIT 486-07E | | NESW | 7 | 10S | 21E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| <u>AB</u> | 99999 | <u>2900</u> | 5/6/2009 | | <u>5/19/09</u> | | |
| Comments: <u>WASATCH = WSMVD</u> | | | | | | | |

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Mickenzie Thacker

Name (Please Print)

Mickenzie Thacker

Signature

Operations Clerk

Title

5/6/2009

Date

RECEIVED

MAY 07 2009

(5/2000)

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU02270A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
NATURAL BUTTES

8. Well Name and No.
NATURAL BUTTES UNIT 486-07E

9. API Well No.
43-047-39897

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. County or Parish, and State
UINTAH COUNTY, UT

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
EOG RESOURCES, INC.
Contact: MICKENZIE THACKER
E-Mail: MICKENZIE_THACKER@EOGRESOURCES.COM

3a. Address
1060 EAST HIGHWAY 40
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 453-781-9145

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 7 T10S R21E NESW 1895FSL 1834FWL
39.96047 N Lat, 109.59790 W Lon

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Well Spud |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well was spud on 5/6/2009.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #69775 verified by the BLM Well Information System
For EOG RESOURCES, INC., sent to the Vernal**

Name (Printed/Typed) MICKENZIE THACKER

Title OPERATIONS CLERK

Signature

Date 05/06/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED**

RECEIVED

MAY 11 2009

DIV. OF OIL, GAS & MINING

| | | |
|--|---|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU02270A |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: EOG Resources, Inc. | | 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES |
| 3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Vernal, UT, 84078 | | 8. WELL NAME and NUMBER: NBU 486-07E |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1895 FSL 1834 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 07 Township: 10.0S Range: 21.0E Meridian: S | | 9. API NUMBER: 43047398970000 |
| PHONE NUMBER: 435 781-9111 Ext | | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| COUNTY: UINTAH | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/20/2009 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input checked="" type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER | |
| | OTHER: | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The referenced well was turned to sales on 7/20/2009. Please see the attached operations summary report for drilling and completion operations performed on the subject well. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 23, 2009 | | |
| NAME (PLEASE PRINT) Mickenzie Thacker | PHONE NUMBER 435 781-9145 | TITLE Operations Clerk |
| SIGNATURE N/A | DATE 7/22/2009 | |

WELL CHRONOLOGY REPORT

Report Generated On: 07-22-2009

| | | | | | |
|---------------|--|-----------|--------------|---------------|--------------|
| Well Name | NBU 486-07E | Well Type | DEVG | Division | DENVER |
| Field | NATURAL BUTTES UNIT | API # | 43-047-39897 | Well Class | 1SA |
| County, State | UINTAH, UT | Spud Date | 06-09-2009 | Class Date | 07-20-2009 |
| Tax Credit | N | TVD / MD | 6,312/ 6,312 | Property # | 031326 |
| Water Depth | 0 | Last CSG | 0.0 | Shoe TVD / MD | 5,292/ 5,292 |
| KB / GL Elev | 5,095/ 5,082 | | | | |
| Location | Section 7, T10S, R21E, NESW, 1895 FSL & 1834 FWL | | | | |

| | | | | | |
|----------|--------------------|-------------|------------------|-------|--------|
| Event No | 1.0 | Description | DRILL & COMPLETE | | |
| Operator | EOG RESOURCES, INC | WI % | 66.67 | NRI % | 48.228 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--|-------------|--|-------------------|--|--------------|--|-------------|--|------------------|--|-----------------|--|------------|--|----|--|-----|--|------|--|-----|--|
| AFE No | | 306014 | | AFE Total | | 1,145,500 | | DHC / CWC | | 523,100/ 622,400 | | | | | | | | | | | | | |
| Rig Contr | | ELENBURG | | Rig Name | | ELENBURG #28 | | Start Date | | 02-13-2008 | | Release Date | | 06-12-2009 | | | | | | | | | |
| 02-13-2008 | | Reported By | | CYNTHIA HANSELMAN | | | | | | | | | | | | | | | | | | | |
| DailyCosts: Drilling | | \$0 | | Completion | | \$0 | | Daily Total | | \$0 | | | | | | | | | | | | | |
| Cum Costs: Drilling | | \$0 | | Completion | | \$0 | | Well Total | | \$0 | | | | | | | | | | | | | |
| MD | | 0 | | TVD | | 0 | | Progress | | 0 | | Days | | 0 | | MW | | 0.0 | | Visc | | 0.0 | |
| Formation : | | | | PBTD : 0.0 | | | | Perf : | | | | PKR Depth : 0.0 | | | | | | | | | | | |

Activity at Report Time: LOCATION DATA

| Start | End | Hrs | Activity Description |
|-------|-------|------|---|
| 06:00 | 06:00 | 24.0 | LOCATION DATA |
| | | | 1895' FSL & 1834' FWL (NE/SW) |
| | | | SECTION 7, T10S, R21E |
| | | | UINTAH COUNTY, UTAH |
| | | | |
| | | | LAT 39.960467, LONG 109.597903 (NAD 83) |
| | | | LAT 39.960503, LONG 109.597214 (NAD 27) |
| | | | |
| | | | ELENBURG #28 |
| | | | OBJECTIVE: 6312' TD, WASATCH |
| | | | DW/GAS |
| | | | NATURAL BUTTES PROSPECT |
| | | | DD&A: NATURAL BUTTES |
| | | | NATURAL BUTTES FIELD |
| | | | |
| | | | LEASE: UTU-02270A |
| | | | ELEVATION: 5084.9' NAT GL, 5082.3' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5082'), 5095' KB, (13') |
| | | | |
| | | | EOG WI 66.670%, NRI 48.228309% |

04-23-2009 Reported By TERRY CSERE

RECEIVED July 22, 2009

| | | | | | |
|--|----------|-------------------|-----|--------------------|----------|
| DailyCosts: Drilling | \$80,000 | Completion | \$0 | Daily Total | \$80,000 |
| Cum Costs: Drilling | \$80,000 | Completion | \$0 | Well Total | \$80,000 |
| MD | 0 | TVD | 0 | Progress | 0 |
| Formation : | | PBTD : 0.0 | | Perf : | |
| Activity at Report Time: BUILD LOCATION | | | | | |

| | | | |
|--------------|------------|------------|-------------------------------|
| Start | End | Hrs | Activity Description |
| 06:00 | 06:00 | 24.0 | START LOCATION TODAY 4/23/09. |

04-24-2009 **Reported By** TERRY CSERE

| | | | | | |
|--|----------|-------------------|-----|--------------------|----------|
| DailyCosts: Drilling | \$80,000 | Completion | \$0 | Daily Total | \$80,000 |
| Cum Costs: Drilling | \$80,000 | Completion | \$0 | Well Total | \$80,000 |
| MD | 0 | TVD | 0 | Progress | 0 |
| Formation : | | PBTD : 0.0 | | Perf : | |
| Activity at Report Time: LOCATION BUILD | | | | | |

| | | | |
|--------------|------------|------------|-----------------------------|
| Start | End | Hrs | Activity Description |
| 06:00 | 06:00 | 24.0 | LOCATION 20% COMPLETE. |

04-27-2009 **Reported By** TERRY CSERE

| | | | | | |
|--|----------|-------------------|-----|--------------------|----------|
| DailyCosts: Drilling | \$0 | Completion | \$0 | Daily Total | \$0 |
| Cum Costs: Drilling | \$80,000 | Completion | \$0 | Well Total | \$80,000 |
| MD | 0 | TVD | 0 | Progress | 0 |
| Formation : | | PBTD : 0.0 | | Perf : | |
| Activity at Report Time: LOCATION BUILD | | | | | |

| | | | |
|--------------|------------|------------|-----------------------------|
| Start | End | Hrs | Activity Description |
| 06:00 | 06:00 | 24.0 | ROCKED OUT. DRILLING ROCK. |

04-28-2009 **Reported By** TERRY CSERE

| | | | | | |
|--|----------|-------------------|-----|--------------------|----------|
| DailyCosts: Drilling | \$0 | Completion | \$0 | Daily Total | \$0 |
| Cum Costs: Drilling | \$80,000 | Completion | \$0 | Well Total | \$80,000 |
| MD | 0 | TVD | 0 | Progress | 0 |
| Formation : | | PBTD : 0.0 | | Perf : | |
| Activity at Report Time: BUILD LOCATION | | | | | |

| | | | |
|--------------|------------|------------|-----------------------------|
| Start | End | Hrs | Activity Description |
| 06:00 | 06:00 | 24.0 | DRILLING ROCK. |

04-29-2009 **Reported By** TERRY CSERE

| | | | | | |
|--|----------|-------------------|-----|--------------------|----------|
| DailyCosts: Drilling | \$0 | Completion | \$0 | Daily Total | \$0 |
| Cum Costs: Drilling | \$80,000 | Completion | \$0 | Well Total | \$80,000 |
| MD | 0 | TVD | 0 | Progress | 0 |
| Formation : | | PBTD : 0.0 | | Perf : | |
| Activity at Report Time: LOCATION BUILD | | | | | |

| | | | |
|--------------|------------|------------|-----------------------------|
| Start | End | Hrs | Activity Description |
| 06:00 | 06:00 | 24.0 | SHOOTING TOMORROW. |

04-30-2009 **Reported By** TERRY CSERE

| | | | | | |
|-----------------------------|-------------------|-------------------|---------------|------------------------|----------|
| DailyCosts: Drilling | \$0 | Completion | \$0 | Daily Total | \$0 |
| Cum Costs: Drilling | \$80,000 | Completion | \$0 | Well Total | \$80,000 |
| MD | 0 | TVD | 0 | Progress | 0 |
| Days | 0 | MW | 0.0 | Visc | 0.0 |
| Formation : | PBTD : 0.0 | | Perf : | PKR Depth : 0.0 | |

Activity at Report Time: LOCATION BUILD

| Start | End | Hrs | Activity Description |
|-------|-------|------|----------------------|
| 06:00 | 06:00 | 24.0 | SHOOTING TODAY. |

05-01-2009 Reported By TERRY CSERE

| | | | | | |
|-----------------------------|-------------------|-------------------|---------------|------------------------|----------|
| DailyCosts: Drilling | \$0 | Completion | \$0 | Daily Total | \$0 |
| Cum Costs: Drilling | \$80,000 | Completion | \$0 | Well Total | \$80,000 |
| MD | 0 | TVD | 0 | Progress | 0 |
| Days | 0 | MW | 0.0 | Visc | 0.0 |
| Formation : | PBTD : 0.0 | | Perf : | PKR Depth : 0.0 | |

Activity at Report Time: LOCATION BUILD

| Start | End | Hrs | Activity Description |
|-------|-------|------|----------------------|
| 06:00 | 06:00 | 24.0 | PUSHING OUT PIT. |

05-04-2009 Reported By TERRY CSERE

| | | | | | |
|-----------------------------|-------------------|-------------------|---------------|------------------------|----------|
| DailyCosts: Drilling | \$0 | Completion | \$0 | Daily Total | \$0 |
| Cum Costs: Drilling | \$80,000 | Completion | \$0 | Well Total | \$80,000 |
| MD | 0 | TVD | 0 | Progress | 0 |
| Days | 0 | MW | 0.0 | Visc | 0.0 |
| Formation : | PBTD : 0.0 | | Perf : | PKR Depth : 0.0 | |

Activity at Report Time: BUILD LOCATION

| Start | End | Hrs | Activity Description |
|-------|-------|------|----------------------|
| 06:00 | 06:00 | 24.0 | PUSHING OUT PIT. |

05-05-2009 Reported By TERRY CSERE

| | | | | | |
|-----------------------------|-------------------|-------------------|---------------|------------------------|----------|
| DailyCosts: Drilling | \$0 | Completion | \$0 | Daily Total | \$0 |
| Cum Costs: Drilling | \$80,000 | Completion | \$0 | Well Total | \$80,000 |
| MD | 0 | TVD | 0 | Progress | 0 |
| Days | 0 | MW | 0.0 | Visc | 0.0 |
| Formation : | PBTD : 0.0 | | Perf : | PKR Depth : 0.0 | |

Activity at Report Time: BUILD LOCATION

| Start | End | Hrs | Activity Description |
|-------|-------|------|---|
| 06:00 | 06:00 | 24.0 | WALKING IN PIT. LINE LATE TODAY. WIND PERMITTING. |

05-06-2009 Reported By TERRY CSERE/KENT DEVENPORT

| | | | | | |
|-----------------------------|-------------------|-------------------|---------------|------------------------|----------|
| DailyCosts: Drilling | \$0 | Completion | \$0 | Daily Total | \$0 |
| Cum Costs: Drilling | \$80,000 | Completion | \$0 | Well Total | \$80,000 |
| MD | 60 | TVD | 60 | Progress | 0 |
| Days | 0 | MW | 0.0 | Visc | 0.0 |
| Formation : | PBTD : 0.0 | | Perf : | PKR Depth : 0.0 | |

Activity at Report Time: WO AIR RIG

| Start | End | Hrs | Activity Description |
|-------|-------|------|---|
| 06:00 | 06:00 | 24.0 | LOCATION COMPLETE. CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 5/06/09 @ 10:00 AM. SET ?60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 5/05/09 @ 10:20 AM. |

05-25-2009 Reported By PETE COMEAU

| | | | | | |
|------------------------------|-----------|-------------------|-----|--------------------|-----------|
| Daily Costs: Drilling | \$227,876 | Completion | \$0 | Daily Total | \$227,876 |
|------------------------------|-----------|-------------------|-----|--------------------|-----------|

| | | | | | |
|----------------------------|-----------|-------------------|-----|-------------------|-----------|
| Cum Costs: Drilling | \$307,876 | Completion | \$0 | Well Total | \$307,876 |
|----------------------------|-----------|-------------------|-----|-------------------|-----------|

| | | | | | | | | | | | |
|-----------|----|------------|----|-----------------|---|-------------|---|-----------|-----|-------------|-----|
| MD | 60 | TVD | 60 | Progress | 0 | Days | 0 | MW | 0.0 | Visc | 0.0 |
|-----------|----|------------|----|-----------------|---|-------------|---|-----------|-----|-------------|-----|

| | | | |
|--------------------|-------------------|---------------|------------------------|
| Formation : | PBTD : 0.0 | Perf : | PKR Depth : 0.0 |
|--------------------|-------------------|---------------|------------------------|

Activity at Report Time: WORT

| Start | End | Hrs | Activity Description |
|-------|-------|------|--|
| 06:00 | 06:00 | 24.0 | MIRU CRAIG'S AIR RIG #3 ON 5/11/2009. DRILLED 12-1/4" HOLE TO 2420' GL (2433' KB). ENCOUNTERED WATER AT 1510'. FLUID DRILLED HOLE FROM 1510' LOST RETURNS@ 2170'. RAN 55 JTS (2401.13') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2413.13' KB. RDMO AIR RIG. MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2000 PSIG. PUMPED 175 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 250 SX (83 BBLS) OF PREMIUM LEAD CEMENT W/ 2% CACL MIXED CEMENT @ 12.0 PPG W/ YIELD OF 2.35 CF/SX. MIXED & PUMPED 400 SX (84 BBLS) OF PREMIUM TAIL CEMENT W/2% CACL2. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/182 BBLS FRESH WATER. BUMPED PLUG W/750# @ 14:30 PM, 5/15/2009. CHECKED FLOAT, FLOAT DID NOT HOLD. SHUT-IN CASING VALVE. NO RETURNS. WOC 4 HOURS TOP JOB # 1: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 4 HRS. TOP JOB # 2: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 4 HRS. TOP JOB # 3: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 4 HRS. TOP JOB # 4: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 4 HRS. TOP JOB # 5: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. RETURNS TP SURFACE, FELL BACK. WOC 3 HRS. TOP JOB # 6: MIXED & PUMPED 50 SX (10.5 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. CEMENT TO SRFACE AND STOOD FULL. WOC 3 HRS. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY. CRAIGS RIG 2 TOOK SURVEYS WHILE DRILLING HOLE @ 1510' = 1.0 DEGREE & 2410' = 1.0 DEGREE. KENT DEVENPORT NOTIFIED BLM VIA ELECTRONIC FORM OF THE SURFACE CASING & CEMENT JOB ON 5/13/2009 @ 8:30 AM. |

PETE COMEAU CONTACTED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING & CEMENT JOB ON
5/13/2009 @ 08:00 AM.

| | | | | | | | | | | | |
|--|-------|-------------|---|--------------|-------|--------|---|-----------------|-----|-----------|------|
| 06-10-2009 | | Reported By | | JESSE TATMAN | | | | | | | |
| Daily Costs: Drilling | | \$85,369 | | Completion | | \$0 | | Daily Total | | \$85,369 | |
| Cum Costs: Drilling | | \$393,245 | | Completion | | \$0 | | Well Total | | \$393,245 | |
| MD | 3,529 | TVD | 3,529 | Progress | 1,106 | Days | 1 | MW | 9.5 | Visc | 33.0 |
| Formation : | | PBTD : 0.0 | | | | Perf : | | PKR Depth : 0.0 | | | |
| Activity at Report Time: DRILLING @ 3529' | | | | | | | | | | | |
| Start | End | Hrs | Activity Description | | | | | | | | |
| 06:00 | 10:00 | 4.0 | FINISH UP ON NBU 653-07E. | | | | | | | | |
| 10:00 | 13:00 | 3.0 | MOVE & RIG UP ON NEW LOCATION NBU 486-07E, 1.5 MILES. SET BOP TEST DTO HEAD TO 5000 PSI. W/ FMC LOCK DOWN BOP, CONTINUE RIGING UP. INSTALL NIGHT CAP ON NBU 653-07E W/ FMC. RIG ON DAYWORK @ 13:00 HOURS ON 06/09/2009. | | | | | | | | |
| 13:00 | 15:00 | 2.0 | NIPPLE UP B.O.P | | | | | | | | |
| 15:00 | 18:00 | 3.0 | TEST BOP AS FOLLOWS: PIPE RAMS, BLIND RAMS, CHOKE, CHOKE LINE, KILL LINE, UPPER KELLY, LOWER KELLY, FLOOR VALVE & DART VALVE TO 250 PSI LOW & 5000 PSI HIGH. TEST ANNULAR 250 PSI LOW & 2500 PSI HIGH. PRESSURE TEST CASING TO 1500 PSI FOR 30 MIN. | | | | | | | | |
| 18:00 | 19:00 | 1.0 | LOAD & STRAP BHA. | | | | | | | | |
| 19:00 | 21:00 | 2.0 | PICK UP DRILL STRING TAG CEMENT @ 2355'. | | | | | | | | |
| 21:00 | 21:30 | 0.5 | SLIP & CUT DRILL LINE. | | | | | | | | |
| 21:30 | 22:00 | 0.5 | DRILL CEMENT, FLOAT & SHOE F/2355' - 2423'. | | | | | | | | |
| 22:00 | 22:30 | 0.5 | RUN FIT TEST @ 2413' WITH 9.4 PPG MUD & 200 PSI = 11.0 PPG EMW. | | | | | | | | |
| 22:30 | 04:45 | 6.25 | DRILL ROTATE 2423' - 3439', 10-20K WOB, 55/135 RPM, 120 SPM, 409 GPM, 150-300 PSI DIFF, 163 FPH. | | | | | | | | |
| 04:45 | 05:30 | 0.75 | SURVEY @ 3394' = 2 DEG. | | | | | | | | |
| 05:30 | 06:00 | 0.5 | DRILL ROTATE 3439' - 3529', 10-20K WOB, 55/135 RPM, 120 SPM, 409 GPM, 150-300 PSI DIFF, 180 FPH. | | | | | | | | |
| SAFETY MEETING ON MOVING RIG & PRESSURE TESTING BOP. | | | | | | | | | | | |
| WEATHER IS CLEAR & TEMP IS 49 DEG. | | | | | | | | | | | |
| FULL CREWS & NO ACCIDENTS. | | | | | | | | | | | |
| COM OK. | | | | | | | | | | | |
| FUEL 5076 GAL. | | | | | | | | | | | |
| FORMATION MAHOGANY OIL SHALE. | | | | | | | | | | | |
| MUD WT 9.5 PPG & 33 VIS. | | | | | | | | | | | |
| | | | | | | | | | | | |
| SPUD 7 7/8" HOLE @ 22:00 HRS, 06/09/2009. | | | | | | | | | | | |

| | | | | | | | | | | | |
|---|-------|-------------|----------------------|---------------------------|-------|--------|---|-----------------|-----|-----------|------|
| 06-11-2009 | | Reported By | | JESSE TATMAN/BRIAN DUTTON | | | | | | | |
| Daily Costs: Drilling | | \$41,294 | | Completion | | \$0 | | Daily Total | | \$41,294 | |
| Cum Costs: Drilling | | \$434,539 | | Completion | | \$0 | | Well Total | | \$434,539 | |
| MD | 6,248 | TVD | 6,248 | Progress | 2,719 | Days | 2 | MW | 9.5 | Visc | 36.0 |
| Formation : | | PBTD : 0.0 | | | | Perf : | | PKR Depth : 0.0 | | | |
| Activity at Report Time: DRILLING @ 6248' | | | | | | | | | | | |
| Start | End | Hrs | Activity Description | | | | | | | | |

06:00 11:00 5.0 DRILLED 3,529' TO 4,436' (907' @ 181.4 FPH), WOB 10-20K, GPM 412, RPM 40-70/MOTOR 136, SPP 2279, DIFF. PRESS. 700/765 PSI, MUD WT. 9.5, VIS 36.

11:00 11:30 0.5 SURVEY DEPTH @ 4,436' 3.0 DEGREES.

11:30 06:00 18.5 DRILLED 4,436' TO 6,248' (1812' @ 97.9 FPH), WOB 10-20K, GPM 399, RPM 40-70/MOTOR 131, SPP 2279, DIFF. PRESS. 600/700 PSI, MUD WT. 10.0, VIS 34. (LOST 150 BBLS OF MUD @ 5,625').

DIESEL 3925 GALS (USED 1151 GALS).

NO ACCIDENTS. FULL CREWS. SAFETY MEETING TOPIC- JSA MAKING CONNECTIONS.

FUNCTION COM FIRST CONN ON TOUR, ALL CREWS.

06-12-2009 **Reported By** BRIAN DUTTON

| | | | | | |
|------------------------------|-----------|-------------------|-----------|--------------------|-----------|
| Daily Costs: Drilling | \$21,829 | Completion | \$115,209 | Daily Total | \$137,038 |
| Cum Costs: Drilling | \$456,368 | Completion | \$115,209 | Well Total | \$571,578 |

MD 6,312 **TVD** 6,312 **Progress** 64 **Days** 3 **MW** 10.0 **Visc** 35.0

Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: RDRT/CLEANING PITS

| Start | End | Hrs | Activity Description |
|-------|-------|-----|--|
| 06:00 | 06:30 | 0.5 | DRILLED 6,248' TO 6,312' (64' @ 128 FPH), WOB 10-20K, GPM 399, RPM 40-70/MOTOR 131, SPP 2279, DIFF. PRESS. 600/700 PSI, MUD WT. 10.0, VIS 34. REACHED TD AT 06:30 HRS, 6/11/09. |
| 06:30 | 08:30 | 2.0 | CIRCULATE BOTTOMS UP PRIOR TO SHORT TRIP. |
| 08:30 | 10:00 | 1.5 | SHORT TRIP 20 JTS. TO 5,432'. |
| 10:00 | 12:00 | 2.0 | CIRCULATE AND PREPARE WEIGHTED PILL. |
| 12:00 | 12:30 | 0.5 | PUMP 200 BBL 12.5 PPG PILL EMW OF 11.1 PPG @ 6,312'. |
| 12:30 | 17:00 | 4.5 | LDDP. |
| 17:00 | 18:00 | 1.0 | LD BHA. |
| 18:00 | 18:30 | 0.5 | PULL WEAR BUSHING. |
| 18:30 | 19:00 | 0.5 | R/U FRANKS WESTATES CSG. TONGS AND PREPARE TOP DRIVE TO RUN 4.5" PRODUCTION CSG. HELD SAFETY MEETING. |
| 19:00 | 01:00 | 6.0 | RAN 4.5" 11.6# HCP-110 LTC CASING (FS, 1 MARKER JT., FC, 145 JTS & 2 MARKERS) & TAG JT. RAN 15 CENTRALIZERS(3 RIGID- JTD 1-3, BOWSPRING EVERY SECOND JT TO 5412') TAGGED @ 6,312'. LD TAG JT. PU LANDING JT W/FLUTED CSG HANGER. LAND CSG @ 6302' (FC @ 6289, MARKER @ 5584-3' & 4163-71'). |
| 01:00 | 02:30 | 1.5 | CIRCULATE W/RIG PUMP. RD FRANKS WESTATES. RU HALLIBURTON CEMENTER. HELD SAFETY MEETING. |
| 02:30 | 05:00 | 2.5 | CEMENT CSG AS FOLLOWS: PUMPED BOTTOM PLUG 20 BBLS MUDFLUSH III, 10 BBLS FW SPACER, 460 SX Highbond 75 (149.55 BBLS @ 12.0 PPG, 1.84 CFS) & 550 SX EXTENDACEM VI (143.98 BBLS @ 13.5 PPG, 1.47 CFS). DROP TOP PLUG. DISP W/97.5 BTW. LOST FULL RETURNS WITH 77 BBLS LEAD CEMENT AWAY, ADD 15 POUNDS TOUGH FIBER TO THE REMAINING 73 BBLS LEAD CEMENT, GAINED FULL RETURN BACK WITH 35 BBLS DISPL. AWAY. FINAL LIFT PRESSURE 1550 PSI, BUMPED PLUG TO 2300 PSI. BLED OFF, FLOATS HELD. |
| 05:00 | 06:00 | 1.0 | WAIT ON CEMENT. |

HAUL 400 BBLS TO NBU 655-7E AND 400 BBLS TO MUD STORAGE.

DIESEL 3347 GALS (USED 578 GALS).

NO ACCIDENTS. FULL CREWS. SAFETY MEETING TOPIC- RUNNING CASING AND CEMENTING.

FUNCTION COM FIRST CONN ON TOUR, ALL CREWS.

06-13-2009 Reported By BRIAN DUTTON

| | | | | | |
|------------------------------|-----------|-------------------|-----------|--------------------|-----------|
| Daily Costs: Drilling | \$41,407 | Completion | \$29,928 | Daily Total | \$71,335 |
| Cum Costs: Drilling | \$497,775 | Completion | \$145,137 | Well Total | \$642,913 |

| | | | | | | | | | | | |
|-----------|-------|------------|-------|-----------------|---|-------------|---|-----------|-----|-------------|-----|
| MD | 6,312 | TVD | 6,312 | Progress | 0 | Days | 4 | MW | 0.0 | Visc | 0.0 |
|-----------|-------|------------|-------|-----------------|---|-------------|---|-----------|-----|-------------|-----|

| | | | |
|--------------------|-------------------|---------------|------------------------|
| Formation : | PBTD : 0.0 | Perf : | PKR Depth : 0.0 |
|--------------------|-------------------|---------------|------------------------|

Activity at Report Time: RDRT/NO COMPLETION

| Start | End | Hrs | Activity Description |
|-------|-------|-----|--|
| 06:00 | 06:30 | 0.5 | REMOVE LANDING JT. RAN CSG HANGER PACKOFF AND LOCKED IN POSITION. TEST HANGER TO 5000 PSI. |
| 06:30 | 09:00 | 2.5 | ND BOP AND FINISH CLEANING MUD TANKS. NO ACCIDENTS. FULL CREWS. |

TRANSFERRED 21 JTS(903.29) 4.5" 11.6# HCP-110 LTC CASING TO NBU 655-7E.

TRANSFERRED 3347 GALS DIESEL TO NBU 655-7E.

| | | | |
|-------|-------|-----|---------------------------------|
| 09:00 | 10:00 | 1.0 | RDRT AND PREPARE RIG FOR TRUCK. |
|-------|-------|-----|---------------------------------|

5 MEN 5 MAN-HOURS. NO ACCIDENTS.

TRUCKS SCHEDULED FOR 0900 HRS 6/12/09. MOVE TO NBU 655-7E IS APPROXIMATELY .5 MILES.

| | | | |
|-------|--|--|------------------------------------|
| 10:00 | | | RIG RELEASED @ 08:00 HRS, 6/12/09. |
| | | | CASING POINT COST \$465,266 |

06-17-2009 Reported By SEARLE

| | | | | | |
|------------------------------|-----------|-------------------|-----------|--------------------|-----------|
| Daily Costs: Drilling | \$0 | Completion | \$36,300 | Daily Total | \$36,300 |
| Cum Costs: Drilling | \$497,775 | Completion | \$181,437 | Well Total | \$679,213 |

| | | | | | | | | | | | |
|-----------|-------|------------|-------|-----------------|---|-------------|---|-----------|-----|-------------|-----|
| MD | 6,312 | TVD | 6,312 | Progress | 0 | Days | 5 | MW | 0.0 | Visc | 0.0 |
|-----------|-------|------------|-------|-----------------|---|-------------|---|-----------|-----|-------------|-----|

| | | | |
|--------------------|----------------------|---------------|------------------------|
| Formation : | PBTD : 6289.0 | Perf : | PKR Depth : 0.0 |
|--------------------|----------------------|---------------|------------------------|

Activity at Report Time: PREP FOR FRACS

| Start | End | Hrs | Activity Description |
|-------|-------|------|--|
| 06:00 | 06:00 | 24.0 | MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 970'. EST CEMENT TOP @ 2100'. RD SCHLUMBERGER. |

07-04-2009 Reported By MCCURDY

| | | | | | |
|------------------------------|-----------|-------------------|-----------|--------------------|-----------|
| Daily Costs: Drilling | \$0 | Completion | \$1,448 | Daily Total | \$1,448 |
| Cum Costs: Drilling | \$497,775 | Completion | \$182,885 | Well Total | \$680,661 |

| | | | | | | | | | | | |
|-----------|-------|------------|-------|-----------------|---|-------------|---|-----------|-----|-------------|-----|
| MD | 6,312 | TVD | 6,312 | Progress | 0 | Days | 6 | MW | 0.0 | Visc | 0.0 |
|-----------|-------|------------|-------|-----------------|---|-------------|---|-----------|-----|-------------|-----|

| | | | |
|--------------------|----------------------|---------------|------------------------|
| Formation : | PBTD : 6289.0 | Perf : | PKR Depth : 0.0 |
|--------------------|----------------------|---------------|------------------------|

Activity at Report Time: WO COMPLETION

| Start | End | Hrs | Activity Description |
|-------|-------|------|---|
| 06:00 | 06:00 | 24.0 | NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION. |

07-08-2009 Reported By MCCURDY

| | | | | | |
|------------------------------|-----------|-------------------|-----------|--------------------|-----------|
| Daily Costs: Drilling | \$0 | Completion | \$110,245 | Daily Total | \$110,245 |
| Cum Costs: Drilling | \$497,775 | Completion | \$293,131 | Well Total | \$790,907 |

| | | | | | | | | | | | |
|-----------|-------|------------|-------|-----------------|---|-------------|---|-----------|-----|-------------|-----|
| MD | 6,312 | TVD | 6,312 | Progress | 0 | Days | 7 | MW | 0.0 | Visc | 0.0 |
|-----------|-------|------------|-------|-----------------|---|-------------|---|-----------|-----|-------------|-----|

| | | | |
|----------------------------|----------------------|---------------------------|------------------------|
| Formation : WASATCH | PBTD : 6289.0 | Perf : 5290'-6215' | PKR Depth : 0.0 |
|----------------------------|----------------------|---------------------------|------------------------|

Activity at Report Time: MIRUSU CLEAN OUT SAND AND DRILL OUT FRAC PLUGS

| Start | End | Hrs | Activity Description |
|-------|-------|------|---|
| 06:00 | 06:00 | 24.0 | MIRU CUTTERS WIRELINE & PERFORATE Ba FROM 6078'-79', 6099'-101', 6104'-06', 6115'-16', 6161'-63', 6165'-67', 6191'-92', 6214'-15' @ 3 SPF @ 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 42 GAL K-87 MICROBIOCIDE, 22883 GAL 16# DELTA 140 W/ 81300# 20/40 SAND @ 3-4 PPG. MTP 5170 PSIG. MTR 50.3 BPM. ATP 3553 PSIG. ATR 46.3 BPM. ISIP 2140 PSIG. RD HALLIBURTON. |
| | | | RUWL SET 6K CFP AT 5860'. PERFORATE Ca FROM (5710'-11' MISFIRED), 5731'-32', 5798'-800', 5804'-06', 5809'-11', (5818'-19' MISFIRED), 5819'-20' 5825'-26', 5829'-30' @ 3 SPF @ 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 42 GAL K-87 MICROBIOCIDE, 22174 GAL 16# DELTA 140 W/ 83600# 20/40 SAND @ 4 PPG. MTP 6335 PSIG. MTR 50.7 BPM. ATP 3865 PSIG. ATR 49.3 BPM. ISIP 2051 PSIG. RD HALLIBURTON. |
| | | | RUWL SET 6K CFP AT 5670'. PERFORATE Ca FROM 5515'-16', 5535'-38', 5557'-58', 5561'-62', 5565'-66', 5573'-75', 5578'-79', 5641'-43' SPF @ 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 42 GAL K-87 MICROBIOCIDE, 24060 GAL 16# DELTA 140 W/ 91900# 20/40 SAND @ 4 PPG. MTP 5004 PSIG. MTR 50.9 BPM. ATP 3200 PSIG. ATR 49 BPM. ISIP 1323 PSIG. RD HALLIBURTON. |
| | | | RUWL SET 6K CFP AT 5410'. PERFORATE Ca FROM 5290'-91', 5300'-02', 5306'-07', 5310'-12', 5326'-27', 5331'-32', 5358'-59', 5366'-67', 5381'-83' SPF @ 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 42 GAL K-87 MICROBIOCIDE, 30899 GAL 16# DELTA 140 W/ 120500# 20/40 SAND @ 4 PPG. MTP 4399 PSIG. MTR 50.5 BPM. ATP 3022 PSIG. ATR 49.4 BPM. ISIP 2055 PSIG. RDMO HALLIBURTON. |
| | | | RUWL. SET 6K CBP AT 5178'. RDMO CUTTERS WIRELINE. |

| | | | | | | | | | | | |
|-----------------------|-------|-------------|---------------|------------|---|--------------------|---|-------------|-----------------|-----------|-----|
| 07-16-2009 | | Reported By | | HACKING | | | | | | | |
| Daily Costs: Drilling | | \$0 | | Completion | | \$1,193 | | Daily Total | | \$1,193 | |
| Cum Costs: Drilling | | \$497,775 | | Completion | | \$294,324 | | Well Total | | \$792,100 | |
| MD | 6,312 | TVD | 6,312 | Progress | 0 | Days | 8 | MW | 0.0 | Visc | 0.0 |
| Formation : WASATCH | | | PBTD : 6289.0 | | | Perf : 5290'-6215' | | | PKR Depth : 0.0 | | |

Activity at Report Time: DRILL PLUGS

| Start | End | Hrs | Activity Description |
|-------|-------|------|---|
| 06:00 | 06:00 | 24.0 | MIRUSU. ND FRAC TREE. NU BOP. RIH W/BIT & PUMP OFF SUB TO 5420'. DRILL OUT PLUGS @ 5178', 5410', 5670 & 5860'. CLEAN OUT TO PBTD. LANDED TBG AT 5292.61 KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU. |
| | | | TUBING DETAIL LENGTH |
| | | | PUMP OFF SUB 0.41' |
| | | | 1 JT 2-3/8 4.7# N-80 TBG 32.85 |
| | | | XN NIPPLE 1.30 |
| | | | 160 JTS 2-3/8 4.7# N-80 TBG 5245.05 |
| | | | BELOW KB 13.00' |
| | | | LANDED @ 5292.61KB |
| | | | FLOWED 14 HRS. 48/64" CHOKE. FTP 250 PSIG, CP 700 PSIG. 24 BFPH. RECOVERED 338 BBLS, 2571 BLWTR. |

| | | | | | | | | | | |
|------------------------------|--------------------|--|-------------------|-----------|--|--------------------|-----------|--|--|--|
| 07-17-2009 | Reported By | | HACKING | | | | | | | |
| Daily Costs: Drilling | \$0 | | Completion | \$6,743 | | Daily Total | \$6,743 | | | |
| Cum Costs: Drilling | \$497,775 | | Completion | \$301,067 | | Well Total | \$798,843 | | | |

MD 6,312 TVD 6,312 Progress 0 Days 9 MW 0.0 Visc 0.0

Formation : WASATCH PBTB : 6289.0 Perf : 5290'-6215' PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start End Hrs Activity Description

06:00 06:00 24.0 FLOWED 24 HRS. 32/64 CHOKE. FTP 300 PSIG. CP 1200 PSIG. 35 BFPH. RECOVERED 812 BLW. 1753 BLWTR.

07-18-2009 Reported By HACKING

DailyCosts: Drilling \$0 Completion \$9,343 Daily Total \$9,343

Cum Costs: Drilling \$497,775 Completion \$310,410 Well Total \$808,186

MD 6,312 TVD 6,312 Progress 0 Days 10 MW 0.0 Visc 0.0

Formation : WASATCH PBTB : 6289.0 Perf : 5290'-6215' PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start End Hrs Activity Description

06:00 06:00 24.0 FLOWED 24 HRS. 24/64 CHOKE. FTP- 375PSIG, CP- 1150 PSIG. 29 BFPH. RECOVERED 694 BBLS, 1059 BLWTR.

07-19-2009 Reported By HACKING

DailyCosts: Drilling \$0 Completion \$2,743 Daily Total \$2,743

Cum Costs: Drilling \$497,775 Completion \$313,153 Well Total \$810,929

MD 6,312 TVD 6,312 Progress 0 Days 11 MW 0.0 Visc 0.0

Formation : WASATCH PBTB : 6289.0 Perf : 5290'-6215' PKR Depth : 0.0

Activity at Report Time: FLOW TEST

Start End Hrs Activity Description

06:00 06:00 24.0 FLOWED 24 HRS. 24/64 CHOKE. FTP- 375 PSIG, CP- 1150 PSIG. 23 BFPH. RECOVERED 539 BBLS, 520 BLWTR.

07-20-2009 Reported By HACKING

DailyCosts: Drilling \$0 Completion \$2,743 Daily Total \$2,743

Cum Costs: Drilling \$497,775 Completion \$315,896 Well Total \$813,672

MD 6,312 TVD 6,312 Progress 0 Days 12 MW 0.0 Visc 0.0

Formation : WASATCH PBTB : 6289.0 Perf : 5290'-6215' PKR Depth : 0.0

Activity at Report Time: WO FACILITIES

Start End Hrs Activity Description

06:00 06:00 24.0 FLOWED 24 HRS. 24/64 CHOKE. FTP- 400 PSIG, CP- 1100 PSIG. 19 BFPH. RECOVERED 464 BBLS, 46 BLWTR. SWI @ 6:00 AM TURN OVER TO PRODUCTION DEPT.

FINAL COMPLETION DATE: 7/19/09.

07-21-2009 Reported By DUANE COOK

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$497,775 Completion \$315,896 Well Total \$813,672

MD 6,312 TVD 6,312 Progress 0 Days 13 MW 0.0 Visc 0.0

Formation : WASATCH PBTB : 6289.0 Perf : 5290'-6215' PKR Depth : 0.0

Activity at Report Time: INITIAL PRODUCTION

Start End Hrs Activity Description

06:00 06:00 24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 600 PSIG & CP 1100 PSIG. TURNED WELL OVER TO KERR-MAGEE SALES AT 11:00 AM, 7/20/09. FLOWED 120 MCFD RATE ON 16/64" POS CHOKE. STATIC 467. KERR-MAGEE METER #985841.

| | | | | | | | | | | | |
|-----------------------------------|-------|-------------|--|--------------|---|--------------------|----|-------------|-----------------|-----------|-----|
| 07-22-2009 | | Reported By | | MIKE LEBARON | | | | | | | |
| DailyCosts: Drilling | | \$0 | | Completion | | \$0 | | Daily Total | | \$0 | |
| Cum Costs: Drilling | | \$497,775 | | Completion | | \$315,896 | | Well Total | | \$813,672 | |
| MD | 6,312 | TVD | 6,312 | Progress | 0 | Days | 14 | MW | 0.0 | Visc | 0.0 |
| Formation : WASATCH | | | PBTD : 6289.0 | | | Perf : 5290'-6215' | | | PKR Depth : 0.0 | | |
| Activity at Report Time: ON SALES | | | | | | | | | | | |
| Start | End | Hrs | Activity Description | | | | | | | | |
| 06:00 | 06:00 | 24.0 | FLOWED 114 MCF, 0 BC & 55 BW IN 24 HRS, 16/64" CHOKE, TP 450 PSIG, CP 1200 PSIG. | | | | | | | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | |
|--|--|--|--|--|--|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | 5. Lease Serial No. UTU02270A | | |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____ | | | 6. If Indian, Allottee or Tribe Name | | |
| 2. Name of Operator EOG RESOURCES, INC. Contact: MICKENZIE THACKER E-Mail: MICKENZIE_THACKER@EOGRESOURCES.COM | | | 7. Unit or CA Agreement Name and No. NATURAL BUTTES | | |
| 3. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078 | | | 8. Lease Name and Well No. NATURAL BUTTES UNIT 486-07E | | |
| 3a. Phone No. (include area code) Ph: 453-781-9145 | | | 9. API Well No. 43-047-39897 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESW 1895FSL 1834FWL 39.96047 N Lat, 109.59790 W Lon At top prod interval reported below NESW 1895FSL 1834FWL 39.96047 N Lat, 109.59790 W Lon At total depth NESW 1895FSL 1834FWL 39.96047 N Lat, 109.59790 W Lon | | | 10. Field and Pool, or Exploratory NATURAL BUTTES | | |
| 14. Date Spudded 05/06/2009 | | | 11. Sec., T., R., M., or Block and Survey or Area Sec 7 T10S R21E Mer SLB | | |
| 15. Date T.D. Reached 06/11/2009 | | | 12. County or Parish UINTAH | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/20/2009 | | | 13. State UT | | |
| 17. Elevations (DF, KB, RT, GL)* 5085 GL | | | | | |
| 18. Total Depth: MD TVD 6312 | | | 19. Plug Back T.D.: MD TVD 6289 | | |
| 20. Depth Bridge Plug Set: MD TVD | | | | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RST/CBL/CCL/VDL/GR | | | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) | | |

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|---------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12.250 | 9.625 J-55 | 36.0 | | 2413 | | 1200 | | 0 | |
| 7.875 | 4.500 HCP-110 | 11.6 | | 6312 | | 1010 | | 2100 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 5293 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------|------|--------|---------------------|------|-----------|--------------|
| A) WASATCH | 5290 | 6215 | 6078 TO 6215 | | 3 | |
| B) WSMVD | | | 5731 TO 5830 | | 3 | |
| C) | | | 5515 TO 5643 | | 3 | |
| D) | | | 5290 TO 5383 | | 3 | |

26. Perforation Record

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 6078 TO 6215 | 22,925 GALS OF GELLED WATER & 81,300# 20/40 SAND |
| 5731 TO 5830 | 22,216 GALS OF GELLED WATER & 83,600# 20/40 SAND |
| 5515 TO 5643 | 24,102 GALS OF GELLED WATER & 91,900# 20/40 SAND |
| 5290 TO 5383 | 30,941 GALS OF GELLED WATER & 120,500# 20/40 SAND |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 07/20/2009 | 07/24/2009 | 24 | → | 0.0 | 102.0 | 50.0 | | | FLows FROM WELL |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 16/64 | SI | 440 | → | 0 | 102 | 50 | | PGW | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | SI | | → | | | | | | |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #73485 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECEIVED

AUG 24 2009

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | | | → | | | | | | |

28c. Production - Interval D

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | | | → | | | | | | |

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top Meas. Depth |
|-----------|------|--------|------------------------------|---|--|
| WASATCH | 5290 | 6215 | | GREEN RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON | 1131 1535 4504 4636 5241 5943 6312 |

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

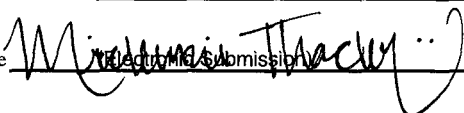
- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #73485 Verified by the BLM Well Information System.
For EOG RESOURCES, INC., sent to the Vernal**

Name (please print) MICKENZIE THACKERTitle OPERATIONS CLERK

Signature


Date 08/20/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Natural Buttes Unit 486-07E - ADDITIONAL REMARKS (CONTINUED):

Perforated the Ba from 6078'-79', 6099'-6101', 6104'-06', 6115'-16', 6161'-63', 6165'-67', 6191'-92', 6214'-15' w/ 3 spf.

Perforated the Ca from 5731'-32', 5798'-5800', 5804'-06', 5809'-11', 5819'-20', 5825'-26', 5829'-30' w/ 3 spf.

Perforated the Ca from 5515'-16', 5535'-38', 5557'-58', 5561'-62', 5565'-66', 5573'-75', 5578'-79', 5641'-43' w/ 3 spf.

Perforated the Ca from 5290'-91', 5300'-02', 5306'-07', 5310'-12', 5326'-27', 5331'-32', 5358'-59', 5366'-67', 5381'-83' w/ 3 spf.

OPERATOR CHANGE WORKSHEET**X Change of Operator (Well Sold)**

Operator Name Change

Designation of Agent/Operator

Merger

ROUTING

1. DJJ

2. CDW

The operator of the well(s) listed below has changed, effective:

7/1/2009**FROM: (Old Operator):**N9550-EOG Resources
1060 E Hwy 40
Vernal, UT 84078

Phone: 1-(435) 781-9111

TO: (New Operator):N2995-Kerr-McGee Oil & Gas Onshore., LP
1368 South 1200 East
Vernal, UT 84078

Phone: 1-(435) 781-7024

CA No.**Unit:****NATURAL BUTTES**

| WELL NAME(S) | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|--------------|-----|------|------|------------|-----------|------------|-----------|-------------|
| NBU 486-07E | 07 | 100S | 210E | 4304739897 | 2900 | Federal | GW | P |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: Completion of well
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: Completion of well
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/31/2009
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/31/2009
- Bond information entered in RBDMS on: 8/31/2009
- Fee/State wells attached to bond in RBDMS on: 8/31/2009
- Injection Projects to new operator in RBDMS on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state or fee well(s) listed covered by Bond Number 22013542
- The **FORMER** operator has requested a release of liability from their bond on: n/a

COMMENTS:

Well to transfer upon completion to Unit Operator (See 9/23/2003 letter from EOG & agreement 9/17/03 from Westport)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU02270A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
NATURAL BUTTES

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
NATURAL BUTTES UNIT 486-07E

2. Name of Operator
EOG RESOURCES, INC.

Contact: MICKENZIE GATES
E-Mail: MICKENZIE_GATES@EOGRESOURCES.COM

9. API Well No.
43-047-39897

3a. Address
1060 EAST HIGHWAY 40
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 453-781-9145

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 7 T10S R21E NESW 1895FSL 1834FWL
39.96047 N Lat, 109.59790 W Lon

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The reserve pit on the referenced location was closed on 9/4/2009 as per the APD procedure.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #75283 verified by the BLM Well Information System
For EOG RESOURCES, INC., sent to the Vernal**

Name (Printed/Typed) MICKENZIE GATES

Title OPERATIONS CLERK

Signature

Mickenzie Gates

Date 10/06/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

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DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
Multiple Leases

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
EOG Resources, Inc

3a. Address
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. (include area code)
435-781-9145

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
See Attached

7. If Unit of CA/Agreement, Name and/or No.
Natural Buttes

8. Well Name and No.
Multiple Wells

9. API Well No.
See Attached

10. Field and Pool or Exploratory Area
Natural Buttes

11. Country or Parish, State
Utah, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list ("the Subject Wells") to Kerr-McGee Oil & Gas Onshore LP and will relinquish and transfer operatorship of all of the Subject Wells to Kerr-McGee Oil & Gas Onshore LP on January 1, 2010.

As of January 1, 2010, Kerr-McGee Oil & Gas Onshore LP will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Kerr-McGee Oil & Gas Onshore LP's Nationwide BLM Bond No. WYB-000291.

Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, CO 80202-1918

By: Michael A. Nixon Date: 12/17/2009
Michael A. Nixon
Agent and Attorney-in-Fact

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only ER
1/31/2010

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
J. Michael Schween

Title Agent and Attorney-in-Fact

Signature

Date 12/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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Approved by

Title

Date

DEC 24 2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DIV. OF OIL, GAS & MINING

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

| Lease # | API # | Well Name | Footages | Legal Description |
|-------------|------------|-------------|---------------------|---------------------------|
| UTUO2270A | 4304730261 | NBU 1-07B | 1975' FNL 1850' FWL | T10S-R21E-07-SESW |
| UTUO144868 | 4304730262 | NBU 2-15B | 1630' FSL 2125' FEL | T09S-R20E-15-NWSE |
| ML22651 | 4304730267 | NBU 3-02B | 1819' FNL 716' FWL | T10S-R22E-02-SWNW |
| UTUO10954A | 4304730273 | NBU 4-35B | 2037' FNL 2539' FWL | T09S-R22E-35-SESW |
| ML22650 | 4304730272 | NBU 5-36B | 1023' FNL 958' FWL | T09S-R22E-36-NWNW |
| UTUO1791 | 4304730278 | NBU 7-09B | 330' FSL 1600' FWL | T10S-R21E-09-SESW |
| UTUO1207 ST | 4304730274 | NBU 10-29B | 1100' FSL 1540' FEL | T09S-R22E-29-SWSE |
| UTUO1791 | 4304730294 | NBU 13-08B | 1600' FSL 1300' FEL | T10S-R21E-08-NESE |
| UTUO581 | 4304730296 | NBU 15-29B | 821' FNL 687' FWL | T09S-R21E-29-NWNW |
| UTUO1791 | 4304730316 | NBU 16-06B | 330' FSL 900' FEL | T10S-R21E-06-SESE |
| UTUO2270A | 4304730317 | NBU 17-18B | 1014' FSL 2067' FEL | T10S-R21E-18-SWSE |
| UTUO144869 | 4304730328 | NBU 19-21B | 2015' FNL 646' FEL | T09S-R20E-21-SENE |
| UTUO575 | 4304730363 | NBU 25-20B | 1905' FNL 627' FWL | T09S-R21E-20-SWNW |
| UTU4485 | 4304730364 | NBU 26-13B | 600' FSL 661' FEL | T10S-R20E-13-SESE |
| UTUO1393B | 4304730367 | NBU 28-04B | 529' FNL 2145' FWL | T10S-R21E-04-NENW |
| UTUO1393B | 4304730368 | NBU 29-05B | 398' FSL 888' FWL | T10S-R21E-05-SESE |
| UTUO575 | 4304730380 | NBU 30-18B | 1895' FSL 685' FEL | T09S-R21E-18-NESE |
| ML01197A | 4304730385 | NBU 31-12B | 565' FNL 756' FWL | T10S-R22E-12-NWNW |
| UTU461 | 4304730396 | NBU 33-17B | 683' FSL 739' FWL | T09S-R22E-17-SWSW |
| UTUO575 | 4304730404 | NBU 34-17B | 210' FNL 710' FEL | T09S-R21E-17-NENE |
| UTUO149767 | 4304730397 | NBU 35-08B | 1830' FNL 660' FWL | T09S-R21E-8-SWNW |
| UTUO144878B | 4304730470 | NBU 49-12B | 551' FSL 1901' FEL | T09S-R20E-12-SWSE |
| UTUO140225 | 4304730473 | NBU 52-01B | 659' FSL 658' FEL | T09S-R21E-01-SESE |
| UTUO141315 | 4304730474 | NBU 53-03B | 495' FSL 601' FWL | T09S-R21E-03-SWSW |
| ML21510 | 4304730475 | NBU 54-02B | 660' FSL 660' FWL | T09S-R21E-02-SWSW |
| UTUO1193 | 4304730464 | NBU 57-12B | 676' FSL 1976' FEL | T09S-R21E-12-SWSE |
| UTUO1198B | 4304730463 | NBU 58-23B | 1634' FNL 2366' FEL | T10S-R22E-23-SWNE |
| UTUO37167 | 4304730477 | NBU 62-35B | 760' FNL 2252' FEL | T10S-R22E-35-NWNE |
| UTU10186 | 4304730466 | NBU 63-12B | 1364' FNL 1358' FEL | T10S-R20E-12-SWNE |
| UTUO37167 | 4304730577 | NBU 70-34B | 1859' FSL 2249' FWL | T10S-R22E-34-NESW |
| UTU4476 | 4304730578 | NBU 71-26B | 1877' FNL 528' FEL | T10S-R20E-26-SENE |
| UTUO141315 | 4304731150 | NBU 202-03 | 898' FSL 1580' FEL | T09S-R21E-03-SWSE |
| UTUO1791 | 4304731238 | NBU 205-08 | 1432' FSL 1267' FWL | T10S-R21E-08-NWSW |
| UTUO1791 | 4304731165 | NBU 206-09 | 1789' FNL 1546' FWL | T10S-R21E-09-SESW |
| UTUO1393B | 4304731177 | NBU 207-04 | 1366' FSL 1445' FWL | T10S-R21E-04-NESW |
| UTUO149076 | 4304731153 | NBU 210-24 | 1000' FSL 1000' FWL | T09S-R21E-24-SWSW |
| UTUO284 | 4304731156 | NBU 211-20 | 916' FSL 822' FEL | T09S-R22E-20-SESE |
| UTUO284 | 4304731267 | NBU 212-19 | 289' FSL 798' FWL | T09S-R22E-19-SWSW |
| UTU22650 | 4304731268 | NBU 213-36J | 597' FNL 659' FEL | T09S-R22E-36-NENE |
| ML22651 | 4304731282 | NBU 217-02 | 2045' FSL 766' FWL | T10S-R22E-02-NWSW |
| UTUO2270A | 4304731310 | NBU 218-17 | 2600' FNL 1500' FWL | T10S-R21E-17-SESW |
| UTUO149076 | 4304731308 | NBU 219-24 | 1300' FNL 500' FWL | T09S-R21E-24-NWNW |
| UTUO149076 | 4304732131 | NBU 301-24E | 700' FSL 2450' FEL | T09S-R21E-24-SWSE |
| UTUO1791 | 4304732010 | NBU 302-09E | 1899' FSL 912' FWL | T10S-R21E-09-NWSW |
| UTUO575 | 4304732130 | NBU 304-18E | 782' FSL 1783' FEL | T09S-R21E-18-SWSE |
| UTUO149767 | 4304732135 | NBU 305-07E | 670' FNL 1950' FWL | T09S-R21E-07-NENW |
| UTUO581 | 4304732282 | NBU 306-18E | 1604' FSL 2797' FWL | T09S-R21E-18-NESW |
| UTUO1791 | 4304732014 | NBU 307-06E | 1979' FSL 2000' FEL | T10S-R21E-06-NWSE |
| UTUO284 | 4304732202 | NBU 308-20E | 1503' FSL 954' FWL | T09S-R22E-20-NWSW |
| UTUO575 | 4304732283 | NBU 309-20E | 930' FNL 667' FEL | T09S-R21E-20-NENE |
| UTUO149075 | 4304732203 | NBU 311-23E | 1101' FSL 1978' FEL | T09S-R21E-23-SWSE |
| UTUO581 | 4304732378 | NBU 313-29E | 1000' FNL 660' FEL | T09S-R21E-29-NENE |
| UTUO141315 | 4304732271 | NBU 314-03E | 1045' FSL 2584' FWL | T09S-R21E-03-SESW |
| UTUO575 | 4304732381 | NBU 316-17E | 1935' FNL 1067' FWL | T09S-R21E-17-SWNW |
| UTUO144868B | 4304732362 | NBU 317-12E | 867' FNL 701' FEL | T09S-R20E-12-NENE |
| UTUO2270A | 4304737511 | NBU 319-17E | 807' FNL 990' FWL | T10S-R21E-17-NWNW |
| UTUO1188 | 4304732379 | NBU 321-10E | 940' FSL 2508' FWL | T09S-R21E-10-SESW |
| UTUO575B | 4304732376 | NBU 325-08E | 832' FSL 669' FWL | T09S-R21E-08-SWSW |
| UTUO1393B | 4304733697 | NBU 326-04E | 1906' FNL 695' FWL | T10S-R21E-04-SWNW |
| UTUO1393B | 4304739303 | NBU 327-05E | 1117' FNL 942' FEL | T10S-R21E-05-NENE (LOT 1) |
| UTU4485 | 4304732386 | NBU 328-13E | 1766' FSL 1944' FWL | T10S-R20E-13-NESW |
| UTUO1207 ST | 4304732229 | NBU 329-29E | 2490' FNL 949' FEL | T09S-R22E-29-SENE |

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| Lease # | API # | Well Name | Footages | Legal Description |
|--------------|------------|--------------|---------------------|---------------------------|
| UTUO10954A | 4304732147 | NBU 331-35E | 1531' FNL 1153' FEL | T09S-R22E-35-SENE |
| UTUO1791 | 4304732148 | NBU 332-08E | 955' FSL 2508' FEL | T10S-R21E-08-SWSE |
| ML21510 | 4304732518 | NBU 333-02E | 1951' FSL 2245' FWL | T09S-R21E-02-NESW |
| UTUO149075 | 4304732265 | NBU 335-23E | 1419' FNL 828' FEL | T09S-R21E-23-SENE |
| UTUO149076 | 4304732264 | NBU 336-24E | 2024' FNL 1958' FWL | T09S-R21E-24-SENE |
| UTUO284 | 4304732281 | NBU 339-19E | 1890' FSL 674' FWL | T09S-R22E-19-NWSW |
| UTUO284B | 4304732327 | NBU 340-20E | 1326' FSL 2569' FEL | T09S-R22E-20-NWSE |
| UTUO1207 ST | 4304733055 | NBU 341-29E | 307' FSL 898' FEL | T09S-R22E-29-SESE |
| UTUO10954A | 4304732212 | NBU 342-35E | 918' FNL 2563' FEL | T09S-R22E-35-NWNE |
| UTUO1393B | 4304739338 | NBU 346-05E | 2233' FSL 676' FEL | T10S-R21E-05-NESE |
| UTUO575B | 4304732326 | NBU 349-07E | 1641' FNL 1036' FWL | T09S-R21E-07-SWNW |
| UTUO1188 | 4304732519 | NBU 352-10E | 1806' FSL 842' FWL | T09S-R21E-10-NWSW |
| UTUO581 | 4304732383 | NBU 356-29E | 1600' FNL 1980' FEL | T09S-R21E-29-SWNE |
| UTUO2270A | 4304732388 | NBU 358-01E | 736' FSL 1941' FEL | T10S-R20E-01-SWSE |
| UTU4485 | 4304750032 | NBU 359-13E | 661' FSL 2149' FEL | T10S-R20E-13-SWSE |
| UTU4485 | 4304732387 | NBU 360-13E | 1998' FSL 775' FWL | T10S-R20E-13-NWSW |
| ML21510 | 4304733782 | NBU 379-02E | 1967' FSL 898' FWL | T09S-R21E-02-NWSW |
| UTUO575 | 4304733064 | NBU 382-18E | 2030' FSL 2172' FEL | T09S-R21E-18-NWSE |
| UTUO149075 | 4304735889 | NBU 384-23E | 491' FSL 929' FEL | T09S-R21E-23-SESE |
| UTUO149076 | 4304733056 | NBU 386-24E | 450' FSL 1850' FWL | T09S-R21E-24-SESW |
| UTUO284 | 4304733057 | NBU 388-19E | 382' FSL 1847' FWL | T09S-R22E-19-SESW |
| UTUO1207 ST | 4304733049 | NBU 389-29E | 2226' FSL 2166' FEL | T09S-R22E-29-NWSE |
| UTUO1393B | 4304732835 | NBU 390-04E | 2577' FSL 1951' FWL | T10S-R21E-04-NESW |
| UTUO1393B | 4304732988 | NBU 391-05E | 1215' FSL 2090' FEL | T10S-R21E-05-SWSE |
| UTUO1791 | 4304733783 | NBU 392-06E | 1926' FSL 611' FEL | T10S-R21E-06-NESE |
| UTU4485 | 4304733071 | NBU 393-13E | 1850' FSL 2141' FEL | T10S-R20E-13-NWSE |
| UTU4485 | 4304733072 | NBU 394-13E | 725' FSL 2027' FWL | T10S-R20E-13-SESW |
| UTUO1188 | 4304732544 | NBU 400-11E | 1983' FSL 1321' FWL | T09S-R21E-11-NESW |
| UTUO581 | 4304734216 | NBU 421-29E | 1985' FNL 972' FEL | T09S-R21E-29-SENE |
| UTUO581 | 4304733698 | NBU 422-29E | 1980' FNL 785' FWL | T09S-R21E-29-SWNW |
| UTUO581 | 4304734206 | NBU 423-30E | 1980' FSL 660' FEL | T09S-R21E-30-NESE |
| ML3142 | 4304733699 | NBU 424-32E | 744' FNL 773' FEL | T09S-R21E-32-NENE |
| UTUO2270A | 4304740049 | NBU 428-07E | 660' FSL 855' FWL | T10S-R21E-07-SWSW (Lot 4) |
| UTUO1791 | 4304733069 | NBU 431-09E | 2599' FNL 662' FWL | T10S-R21E-09-SWNW |
| UTUO2270A | 4304738536 | NBU 434-17E | 1799' FNL 2176' FWL | T10S-R21E-17-SENE |
| UTUO2270A | 4304738376 | NBU 435-17E | 1837' FNL 571' FWL | T10S-R21E-17-SWNW |
| UTUO2270A | 4304734195 | NBU 436-18E | 1644' FSL 748' FEL | T10S-R21E-18-NESE |
| UTUO2270A | 4304735499 | NBU 437-18E | 322' FSL 748' FEL | T10S-R21E-18-SESE |
| ML22792 | 4304737534 | NBU 438-19E | 661' FNL 1941' FEL | T10S-R21E-19-NWNE |
| ML22792 | 4304737535 | NBU 439-19E | 2111' FNL 1980' FWL | T10S-R21E-19-SWNE |
| UTUO10953 | 4304736279 | NBU 451-01E | 1965' FSL 2132' FWL | T10S-R22E-01-NESW |
| ML22651 | 4304736053 | NBU 456-02E | 493' FNL 1080' FWL | T10S-R22E-02-NWNW (Lot 4) |
| UTUO141315 | 4304733063 | NBU 481-03E | 1490' FSL 556' FEL | T09S-R21E-03-NESE |
| UTUO581 | 4304733065 | NBU 483-19E | 1850' FSL 1980' FWL | T09S-R21E-19-NESW |
| UTUO575 | 4304733784 | NBU 484-20E | 350' FNL 823' FWL | T09S-R21E-20-NWNW |
| UTUO2270A | 4304739897 | NBU 486-07E | 1895' FSL 1834' FWL | T10S-R21E-07-NESW |
| UTUO575B | 4304733121 | NBU 489-07E | 763' FSL 733' FWL | T09S-R21E-07-SWSW (Lot 4) |
| UTUO2270A | 4304733123 | NBU 497-01E | 2091' FSL 894' FEL | T10S-R20E-01-NESE |
| UTUO577A | 4304733140 | NBU 506-23E | 720' FNL 1818' FWL | T09S-R20E-23-NENW |
| UTUO1791 | 4304733124 | NBU 508-08E | 915' FSL 355' FEL | T10S-R21E-08-SESE |
| UTUO1197A ST | 4304739283 | NBU 513-12EX | 1850' FNL 2133' FWL | T10S-R22E-12-SENE |
| UTUO2270A | 4304733696 | NBU 516-12E | 1950' FSL 1786' FEL | T10S-R20E-12-NWSE |
| UTUO141315 | 4304733779 | NBU 519-03E | 1749' FSL 798' FWL | T09S-R21E-03-NWSW |
| UTUO575B | 4304733780 | NBU 521-08E | 2250' FSL 900' FWL | T09S-R21E-08-NWSW |
| UTUO1188 | 4304733781 | NBU 522-10E | 732' FSL 841' FEL | T09S-R21E-10-SESE |
| UTUO2270A | 4304733685 | NBU 523-12E | 660' FSL 660' FEL | T10S-R20E-12-SESE |
| UTUO2270A | 4304733701 | NBU 524-12E | 841' FSL 1795' FEL | T10S-R20E-12-SWSE |
| UTUO2270A | 4304739722 | NBU 529-07E | 704' FNL 762' FWL | T10S-R21E-07-NWNW |
| UTUO581 | 4304734639 | NBU 534-18E | 1885' FSL 115' FWL | T09S-R21E-18-NWSW |
| UTUO2270A | 4304735200 | NBU 535-17E | 1893' FSL 580' FWL | T10S-R21E-17-NWSW |
| ML22791 | 4304735252 | NBU 536-18E | 734' FSL 2293' FWL | T10S-R21E-18-SESW |
| UTUO2270A | 4304735253 | NBU 537-18E | 1880' FSL 1830' FEL | T10S-R21E-18-NWSE |

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| Lease # | API # | Well Name | Footages | Legal Description |
|--------------|------------|-------------|---------------------|-------------------|
| UTUO284 | 4304735886 | NBU 538-19E | 1937' FSL 1833' FWL | T09S-R22E-19-NESW |
| UTUO149076 | 4304735887 | NBU 539-24E | 1870' FSL 477' FEL | T09S-R21E-24-NESE |
| UTUO10953 | 4304736280 | NBU 546-01E | 2036' FSL 699' FWL | T10S-R22E-01-NWSW |
| UTUO10953 | 4304736278 | NBU 547-01E | 749' FSL 598' FWL | T10S-R22E-01-SWSW |
| UTU474 | 4304737687 | NBU 553-28E | 767' FNL 753' FWL | T10S-R22E-28-NWNW |
| UTU474 | 4304737686 | NBU 554-28E | 2023' FNL 465' FWL | T10S-R22E-28-SWNW |
| ML22791 | 4304737685 | NBU 555-18E | 1984' FSL 1790' FWL | T10S-R21E-18-NESW |
| ML22791 | 4304737514 | NBU 556-18E | 1800' FSL 870' FWL | T10S-R21E-18-NWSW |
| ML22791 | 4304737513 | NBU 557-18E | 852' FSL 661' FWL | T10S-R21E-18-SWSW |
| UTUO2270A | 4304737510 | NBU 558-17E | 748' FSL 611' FWL | T10S-R21E-17-SWSW |
| UTUO2278C | 4304737509 | NBU 559-17E | 467' FSL 2065' FWL | T10S-R21E-17-SESW |
| UTUO2278 | 4304737508 | NBU 560-17E | 1946' FSL 1896' FWL | T10S-R21E-17-NESW |
| UTUO2278 | 4304737512 | NBU 561-17E | 857' FSL 1988' FEL | T10S-R21E-17-SWSE |
| ML22792 | 4304737536 | NBU 562-19E | 859' FNL 859' FEL | T10S-R21E-19-NENE |
| ML22792 | 4304737537 | NBU 563-19E | 1982' FSL 1878' FEL | T10S-R21E-19-NWSE |
| UTU4476 | 4304738962 | NBU 564-26E | 665' FNL 1945' FWL | T10S-R20E-26-NENW |
| ML22793 | 4304737533 | NBU 565-30E | 1865' FNL 1786' FEL | T10S-R21E-30-SWNE |
| UTUO2270A | 4304738375 | NBU 566-17E | 538' FNL 1806' FWL | T10S-R21E-17-NENW |
| UTUO1791 | 4304738535 | NBU 567-17E | 690' FNL 1988' FEL | T10S-R21E-17-NWNE |
| UTUO1791 | 4304738537 | NBU 568-17E | 850' FNL 807' FEL | T10S-R21E-17-NENE |
| UTUO1791 | 4304738534 | NBU 569-17E | 2009' FNL 1809' FEL | T10S-R21E-17-SWNE |
| UTUO1791 | 4304738529 | NBU 570-17E | 2031' FNL 672' FEL | T10S-R21E-17-SENE |
| UTUO2278 | 4304738377 | NBU 571-17E | 1964' FSL 1831' FEL | T10S-R21E-17-NWSE |
| UTUO2278 | 4304738374 | NBU 572-17E | 1810' FSL 739' FEL | T10S-R21E-17-NESE |
| UTUO2278 | 4304738510 | NBU 573-17E | 813' FSL 481' FEL | T10S-R21E-17-SESE |
| ML22650 | 4304739308 | NBU 602-36E | 1723' FNL 719' FWL | T09S-R22E-36-SWNW |
| UTUO1393B | 4304739305 | NBU 614-05E | 716' FNL 1967' FEL | T10S-R21E-05-NWNE |
| UTUO1393B | 4304739655 | NBU 615-05E | 2384' FNL 1015' FEL | T10S-R21E-05-SENE |
| UTUO1393B | 4304739337 | NBU 617-04E | 933' FNL 745' FWL | T10S-R21E-04-NWNW |
| UTUO1393B | 4304739336 | NBU 618-04E | 998' FSL 661' FWL | T10S-R21E-04-SWSW |
| UTUO1393B | 4304739414 | NBU 625-04E | 1937' FNL 1722' FWL | T10S-R21E-04-SENW |
| UO01197A ST | 4304739192 | NBU 632-12E | 860' FNL 2032' FWL | T10S-R22E-12-NENW |
| UO01197A ST | 4304739193 | NBU 633-12E | 789' FNL 2179' FEL | T10S-R22E-12-NWNE |
| UO01197A ST | 4304739190 | NBU 635-12E | 1808' FNL 1754' FEL | T10S-R22E-12-SWNE |
| UTUO1197A ST | 4304739191 | NBU 636-12E | 1824' FNL 461' FEL | T10S-R22E-12-SENE |
| UTUO8512 ST | 4304750016 | NBU 638-13E | 1926' FNL 2504' FWL | T10S-R22E-13-SENW |
| UTUO8512 ST | 4304750019 | NBU 639-13E | 859' FNL 1902' FEL | T10S-R22E-13-NWNE |
| UTUO8512 ST | 4304750014 | NBU 640-13E | 1619' FNL 1639' FEL | T10S-R22E-13-SWNE |
| UTUO8512A ST | 4304750058 | NBU 641-13E | 990' FNL 1184' FEL | T10S-R22E-13-NENE |
| UTUO8512 ST | 4304750013 | NBU 642-13E | 1949' FNL 858' FEL | T10S-R22E-13-SENE |
| UTUO2270A | 4304739957 | NBU 653-07E | 660' FNL 1980' FWL | T10S-R21E-07-NENW |
| UTUO2270A | 4304739956 | NBU 654-07E | 1913' FNL 522' FWL | T10S-R21E-07-SWNW |
| UTUO2270A | 4304739860 | NBU 655-07E | 1926' FSL 750' FWL | T10S-R21E-07-NWSW |
| UTUO1791 | 4304739856 | NBU 658-01E | 2177' FNL 1784' FEL | T10S-R20E-01-SWNE |
| UTUO2270A | 4304739858 | NBU 660-12E | 661' FNL 691' FEL | T10S-R20E-12-NENE |
| ML22790 | 4304750011 | NBU 661-24E | 1734' FSL 661' FWL | T10S-R20E-24-NWSW |
| ML22790 | 4304750017 | NBU 662-24E | 809' FSL 807' FWL | T10S-R20E-24-SWSW |
| ML22790 | 4304750010 | NBU 663-24E | 810' FSL 1979' FWL | T10S-R20E-24-SESW |
| ML22790 | 4304739867 | NBU 664-24E | 1810' FNL 1781' FEL | T10S-R20E-24-NWSE |
| ML22790 | 4304750018 | NBU 665-24E | 1950' FSL 660' FEL | T10S-R20E-24-NESE |
| ML22790 | 4304750057 | NBU 666-24E | 1043' FSL 1722' FEL | T10S-R20E-24-SWSE |
| ML22790 | 4304750012 | NBU 667-24E | 660' FSL 660' FEL | T10S-R20E-24-SESE |
| UTUO2270A | 4304739901 | NBU 668-12E | 859' FNL 1915' FEL | T10S-R20E-12-NWNE |
| UO1207 ST | 4304740084 | NBU 670-29E | 2018' FSL 859' FEL | T09S-R22E-29-NESE |
| UO1207 ST | 4304750027 | NBU 691-29E | 680' FNL 797' FEL | T09S-R22E-29-NENE |
| ML3140.5 | 4304738330 | NBU 760-36E | 1320' FNL 1320' FEL | T09S-R20E-36-NENE |
| UTU4476 | 4304738632 | NBU 762-26E | 1506' FNL 1449' FEL | T10S-R20E-26-SWNE |
| ML22792 | 4304738332 | NBU 763-19E | 1258' FSL 1388' FEL | T10S-R21E-19-SWSE |
| ML3142 | 4304738331 | NBU 764-32E | 875' FNL 667' FWL | T09S-R21E-32-NWNW |
| UTUO1791 | 4304738633 | NBU 765-09E | 1000' FSL 1640' FWL | T10S-R21E-09-SESW |

RECEIVED

DEC 24 2009

DIV. OF OIL, GAS & MINING

| | | |
|---|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU02270A |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | | 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | | 8. WELL NAME and NUMBER: NBU 486-07E |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1895 FSL 1834 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 07 Township: 10.0S Range: 21.0E Meridian: S | | 9. API NUMBER: 43047398970000 |
| PHONE NUMBER: 720 929-6515 Ext | | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| COUNTY: UINTAH | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/16/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </div> </div> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests authorization to plug and abandon the subject well location. Attached to this sundry are the plug and abandonment procedure, and the final reclamation plan. | | |
| Accepted by the Utah Division of Oil, Gas and Mining Date: 09/29/2011 By: | | |
| NAME (PLEASE PRINT) Jaime Scharnowske | | PHONE NUMBER 720 929-6304 |
| SIGNATURE N/A | | TITLE Regulatory Analyst |
| DATE 9/16/2011 | | |

NBU 486-07E
 1895' FSL & 1834' FWL
 NESW SEC.7, T10S, R21E
 Uintah County, UT

KBE: 5098' API NUMBER: 4304739897
 GLE: 5085' LEASE NUMBER: UTU-02270-A
 TD: 6312'
 PBD: 6289'

CASING : 12 1/4" hole
 9.625" 36# J55 @ 2413' KB

7.875" hole
 4.5" 11.6# P110 @ 6312'
 TOC @ ~2120' per CBL

PERFORATIONS: Wasatch 5290' - 6215'

| Tubular/Borehole | Drift inches | Collapse psi | Burst psi | Capacities | | |
|--------------------------------|-----------------|-----------------|-----------|------------|----------|----------|
| | | | | Gal./ft. | Cuft/ft. | Bbl./ft. |
| 2.375" 4.7# J-55 tbg. | 1.901 | 8100 | 7700 | 0.1624 | 0.0217 | 0.0039 |
| 4.5" 11.6# P-110 | 3.875 | 7560 | 10690 | 0.6528 | 0.0872 | 0.0155 |
| 9.625" 36# K-55 | 8.921 | 2020 | 3520 | 3.247 | 0.434 | 0.0773 |
| Annular Capacities | | | | | | |
| 2.375" tbg. X 4 1/2" 11.6# csg | | | | 0.4227 | 0.0565 | 0.0101 |
| 4.5" csg X 9 5/8" 36# csg | | | | 2.227 | 0.2977 | 0.053 |
| 4.5" csg X 7.875 borehole | | | | 1.704 | 0.2276 | 0.0406 |
| 9 5/8" csg X 12 1/4" borehole | | | | 2.3436 | 0.3132 | 0.0558 |

GEOLOGIC INFORMATION:

| Formation | Depth to top, ft. |
|-------------------|-------------------|
| Uinta | Surface |
| Green River | 1131' |
| Bird's Nest | 1535' |
| Mahogany | 2076' |
| Base of Parachute | 2937' |
| Wasatch | 5241' |

Tech. Pub. #92 Base of USDW's

| | |
|----------------|------------|
| USDW Elevation | ~0' MSL |
| USDW Depth | ~5098' KBE |

NBU 486-07E PLUG & ABANDONMENT PROCEDURE**GENERAL**

- H₂S MAY BE PRESENT. CHECK FOR H₂S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

PROCEDURE

Note: An estimated 383 sx Class "G" cement needed for procedure

Note: Gyro has not been run on this well.

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
3. **PLUG #1, ISOLATE WASATCH PERFORATIONS (5290' – 6215'), PROTECT TOP OF WASATCH (5241') & BASE OF USDW (~5098')**: RIH W/ 4 ½" CIBP. SET @ ~5240'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **19 SX / 3.9 BBL / 21.8 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~4990'). REVERSE CIRCULATE W/ TREATED WATER.
4. **PLUG #2, PROTECT BASE OF PARACHUTE MEMBER (~2937')**: PUH TO ~3040'. BRK CIRC W/ FRESH WATER. DISPLACE **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~2830' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
5. **PLUG #3, CEMENT SURFACE CSG SHOE (2413')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 2470' W/ 4 SPF. PERFORM INJECTION TEST. IF FORMATION DOESN'T TEST, CONTINUE WITH NEXT STEP (PLUG #4). IF FORMATION WILL SQUEEZE, CONTINUE THIS STEP.
 - a. POOH. PU & RIH W/ 4 ½" CIRC, SET @ ~2420'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ APPROXIMATELY **32 SX / 6.6 BBL / 37.1 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS TO 2360'. STING OUT OF CIRC AND SPOT **5 SX / 0.93 BBL / 5.24 CUFT** CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~2360'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. **PLUG #4, PROTECT TOP OF MAHOGANY (2076')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 2180' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CIRC, SET @ ~2130'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ APPROXIMATELY **58 SX / 11.9 BBL / 66.9 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS TO 1970'. STING OUT OF CIRC AND SPOT **12 SX / 2.5 BBL / 13.96 CUFT** CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1970'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
7. **PLUG #5, PROTECT TOP OF BIRD'S NEST (~1535')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 1640' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CIRC, SET @ ~1590'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ APPROXIMATELY **58 SX / 11.9 BBL / 66.9 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS TO 1430'. STING OUT OF CIRC AND SPOT **12 SX / 2.5 BBL / 13.96 CUFT** CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1430'). REVERSE CIRCULATE W/ TREATED FRESH WATER.

8. **PLUG #6, PROTECT TOP OF GREEN RIVER (1131')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 1240' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, SET @ ~1190'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **58 SX / 11.9 BBL / 66.9 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS TO 1030'. STING OUT OF CICR AND SPOT **12 SX / 2.5 BBL / 13.96 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1030'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
9. **PLUG #7, SURFACE HOLE:** POOH. RIH W/ WIRELINE, PERFORATE @ 300' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP **101 SX / 20.6 BBL / 115.5 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS AND CASING TO SURFACE.
10. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

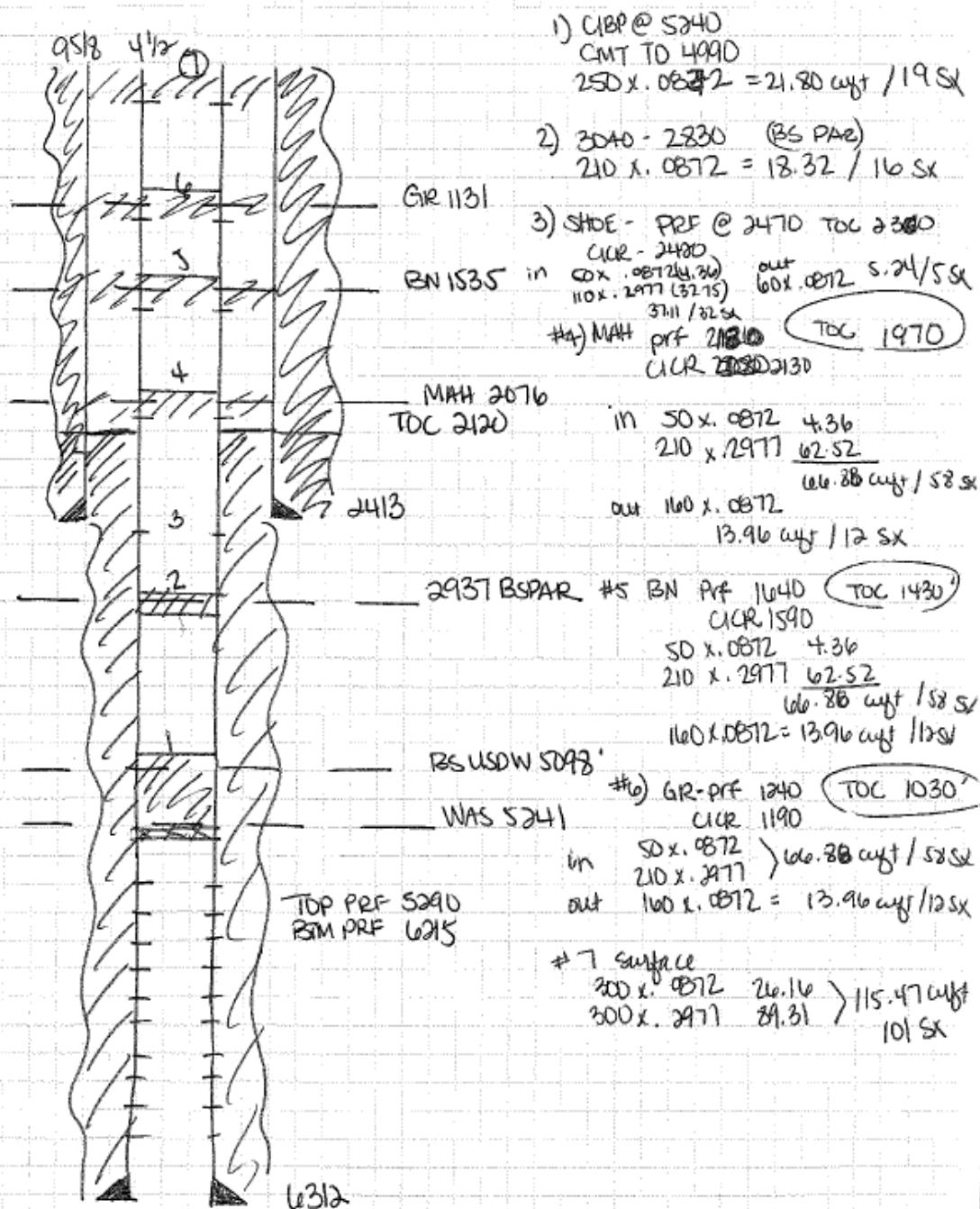
ALM 9/12/11



APC 206 2/01

PROJECT COMPUTATIONS

NO. _____ OF _____ SHEETS

DATE NOV 480-07E PROJECT _____ JOB NO. _____BY Blm CHK.: _____ SUBJECT _____

NBU 486-07E Final Reclamation Plan

Prepared by:
Anadarko Petroleum Corporation
August 2011



Introduction

The NBU 486-07E (API # 43-047-39897) is a conventional natural gas well located in Uintah County, UT approximately 43 miles south of the town of Vernal, UT. The location is in section 7 of township 10S range 21E.

Final Reclamation Objectives

After production and operations cease, the goal of final reclamation is to return the land to a condition that approximates that which existed prior to disturbance and maintain a stable and productive condition compatible with the land use. The goal is not to achieve full ecological restoration of the site, but to achieve short-term stability, visual, hydrological and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

Site Preparation and Revegetation

Earthwork for final reclamation will be completed within six months of well plugging, if weather allows for such activities to take place. Disturbed areas will be revegetated after the site has been prepared. Site preparation will include respreading topsoil to an adequate depth and may also include ripping, tilling, disking on contour, dozer track-imprinting, and/or other accepted reclamation site preparation practices. Activities such as seeding and vegetation re-establishment must be completed within the appropriate season for such activities not necessarily immediately after earthwork has been completed. Fall seeding can be conducted after August 15 until ground frost. The long term objective of final reclamation is for eventual ecosystem restoration including the restoration of the natural vegetative community, hydrology and wildlife habitats. Following well plugging, well sites that do not blend with the surrounding landform will be re-contoured.

Well Site Reclamation

Following well plugging, all surface equipment will be removed. The NBU 486-07E will be re-contoured to blend with the surrounding landform and topography. Topsoil will be stripped before re-contouring and re-spread over the entire location.

Road Reclamation

All roads within the project area will be reclaimed unless the surface management agency or surface owner requests that they be left unreclaimed. Road reclamation will include recontouring and seeding and may also include ripping, scarifying or disking. The NBU 486-07E has approximately 528ft of access road to be reclaimed.

Reclamation of Other Associated Facilities

There are no other associated facilities with this well requiring reclamation.

Soil Preparation

Soil preparation will be conducted using a disk for areas in need of more soil preparation following site preparation. This will provide primary soil tillage to a depth no greater than 6 inches. Prior to reseeding, compacted areas will be scarified by ripping or chiseling to loosen compacted soils. Scarification will promote water infiltration; improve soil aeration and root penetration.

Seed Mix and Seeding

| Common Name | PLS LBS/Acre |
|--------------------------|-----------------|
| Indian Ricegrass | 3 |
| Sandberg bluegrass | 0.75 |
| Bottlebrush squirreltail | 0.5 |
| Great Basin Wildrye | 0.5 |
| Western wheatgrass | 1.5 |
| Winterfat | 0.25 |
| Shadscale | 1.5 |
| Four-wing saltbush | 0.75 |
| Scarlet Globemallow | 0.5 |
| Rocky Mtn. Bee Plant | .75 |
| Forage Kochia | 0.25 |
| | 9.75 |

The NBU 486-07E will be seeded with a no-till rangeland style seed drill with a "picker box" in order to seed "fluffy" seed. In areas that drill seeding may not be the preferred method, the seed will be broadcast and then raked into the ground at double the rate of drill seeding. All seed will be certified and tags will be kept on hand by Anadarko Petroleum Corporation, all seed will be certified weed free.

Soil Amendments and Stabilization

Additional soil amendments and stabilization may be required on sites with poor soils and greater erosion potential. The following soil amendments may be used on this location:

Sustane is an organic fertilizer that will be applied at the rate 1,800 – 2,100 lbs/acre with seed. Sustane granulated slow release fertilizers replenish the soil with essential nutrients and a rich supply of humus as required for long term soil building and plant growth. Sustane can be dry broadcast or applied with hydro-seeding equipment.

Erosion Control

The slopes will be stabilized using materials specifically designed to prevent erosion in order to allow permanent establishment of vegetation. These materials will include, but are not limited to erosion control blankets, hydro-mulch, or soil amendments such as erosion control polymers

Monitoring

Monitoring of the NBU 486-07E will be completed annually during the growing season and actions to ensure reclamation success will be taken as needed. During the first 2 growing seasons an ocular methodology will be used to determine the success of the reclamation activities. During the 3rd growing season a quantitative method of 200 point line intercept basal monitoring will be conducted in order to see if the reclaimed area has met 30% desirable basal cover when compared to the native vegetation. If 30% has not been met additional seeding/reclamation efforts may be necessary (Green River District Reclamation Guidelines). Monitoring will continue until the reclaimed area reaches 75% basal cover of desirable vegetation when compared to the undisturbed adjacent native vegetation.

All monitoring reports will be submitted to the Vernal BLM no later than March 31 of the year following the data collection. (Data collected in 2010 will be submitted in 2011 and so forth.) These reports will be submitted electronically in the form of a geodatabase for use in a geographic information system (GIS).

Noxious Weeds

Noxious weeds will be controlled as needed on the location. Monitoring and management of noxious and/or invasive weeds of concern will be completed annually until the project is deemed successfully reclaimed by the surface management agency and/or owner according to the Anadarko Integrated Weed Management Plan. Noxious weed infestations will be mapped using a GPS unit

and submitted to the BLM with information required in the Vernal BLM Surface Disturbance Weed Policy. If herbicide is to be applied it will be done according to an approved Pesticide Use Permit (PUP). Anadarko submits a field wide PUP annually, and this location will fall under the PUP. All pesticide applications will be recorded using a Pesticide Application Record (PAR) and will be submitted along with a Pesticide Use Report (PUR) annually prior to Dec. 31. All weed management will be done in accordance with the Vernal BLM Surface Disturbance Weed Policy.

Inspection and Final Abandonment Approval

When the NBU 486-07E has reached the final abandonment objectives, the operator will file a Final Abandonment Notice (FAN). Upon receipt of the FAN a site inspection will be completed by the management agency to ensure reclamation is fully successful and approve the FAN. The operator may request termination of the bond on the Final Abandonment Notice.

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU02270A |
| 1. TYPE OF WELL Gas Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. | | 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 | | 8. WELL NAME and NUMBER: NBU 486-07E |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1895 FSL 1834 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 07 Township: 10.0S Range: 21.0E Meridian: S | | 9. API NUMBER: 43047398970000 |
| PHONE NUMBER: 720 929-6514 | | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| COUNTY: UINTAH | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/29/2012 | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator has concluded the plug and abandonment operations on the subject well location on 03/29/2012. Please see the attached chronological well history for details and updated latitude and longitude locations. Thank you. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 01, 2012 | | |
| NAME (PLEASE PRINT) Cara Mahler | PHONE NUMBER 720 929-6029 | TITLE Regulatory Analyst I |
| SIGNATURE N/A | DATE 7/24/2012 | |

US ROCKIES REGION
Operation Summary Report

| Well: NBU 486-7E | | | | Spud Date: | | | | | |
|--|-------------------|------------------|--------|-----------------------|-------------|-----|---------------------|---|--|
| Project: UTAH-UINTAH | | | | Site: NBU 486-7E | | | | Rig Name No: WESTERN WELLSITE/UNK | |
| Event: ABANDONMENT | | | | Start Date: 3/27/2012 | | | End Date: 3/29/2012 | | |
| Active Datum: RKB @5,098.00usft (above Mean Sea Level) | | | | UWI: NBU 486-7E | | | | | |
| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation | |
| 3/27/2012 | 7:00 - 17:00 | 10.00 | ABANDP | | | | | PREJOB SAFETY MEETING, MIRU, RU SLICK LINE, RIH WITH 1.9" GAUGE RING TO 5200', LOST GAUGE RING IN HOLE, RIH WITH GYRO SURVEY TO 5100', POOH WITH SAME, RD SLICKLINE, BLOW DOWN WELL, KILL WELL WITH 100BLS TMAC, RU SCAN TECH, TOH AND TEST TUBING, RD SCAN TECH, RU WIRELINE, RIH WITH GAUGE RING TO 5260', POOH WITH SAME, RIH WITH 4.5" CICR AND SET AT 5240', POOH WITH WIRELINE, RD WIRELINE, TIH WITH TUBING TI 5230', LOAD HOLE WITH 40BLS TMAC, PRESURE TEST CASING TO 500PSI HELD, SIW, SDFN | |
| 3/28/2012 | 7:00 - 17:00 | 10.00 | ABANDP | | | | | PREJOB SAFETY MEETING, MIX AND PUMP 20SXS CLASS G CEMENT, TOH TO 3058', MIX AND PUMP 20SXS CLASS G CEMENT, TOH TO 2600', REVERSE CIRCULATE WITH 30BLS TMAC, TOH, RU WIRELINE, SHOOT PERFS AT 2470', ZERO RATE INTO PERFS, SHOOT PERFS AT 2180', ZERO RATE INTO PERFS, SHOOT PERFS AT 1640', GOOD RATE INTO PERFS, SHOOT PERFS AT 1240', RD WIRELINE, TIH TO 2533', MIX AND PUMP 45SXS CLASS G CEMENT, ETOC AT 1954', TOH TO 1800', REVERSE CIRCULATE WITH 30BLS TMAC, TOH, WOC, SIW, SDFN | |
| 3/29/2012 | 7:00 - 17:00 | 10.00 | ABANDP | | | | | PREJOB SAFETY MEETING, TIH AND TAG CEMENT AT 1940', TOH, TIH WITH CICR AND SET AT 1578', MIX AND PUMP 75SXS CLASS G CEMENT (60SXS UNDER, 15SXS ON TOP), TOH TO 1315', REVERSE CIRCULATE WITH 15BLS TMAC, TOH, GOOD RATE INTO PERFS AT 1240', TIH WITH CICR AND SET AT 1184', MIX AND PUMP 75SXS CLASS G CEMENT (60SXS UNDER, 15SXS ON TOP), TOH, RU WIRE LINE, SHOOT ERFS AT 300', BREAK CIRCULATION TO SURFACE, RD WIRELINE, RD, NDBOP, NUWH, MIX AND PUMP 105SXS CLASS G CEMENT DOWN PRODUCTION CASING OUT PERFS AT 300' TO SURFACE, DIG OUT WELLHEAD, CUT OFF WELLHEAD, TOP OFF WITH 5SXS CLASS G CEMENT, WELD ON INFO PLATE, BACKFILL, CLEAN LOCATION, SDFN WITNESSED BY: GLADE RICK BLM | |
| LAT/LONG: 39.96049/-109.59724 | | | | | | | | | |